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4.6 INDIRECT INFRASTRUCTURE

The infrastructure objective is to provide services consistent with commercial practices, and to integrate infrastructure services with site and project mission requirements. While there may be increased infrastructure needs for certain periods, the infrastructure support to facilities should be "ramped down" in a timely manner commensurate with the declining mission and infrastructure needs of site facilities. Opportunities advantageous to the Government will be aggressively pursued to subcontract and outsource infrastructure work on a competitive, fixed- or fixed-unit-priced basis.

Infrastructure provides the following:

(a) Maintenance and operations of facilities at Hanford.
(b) Utilities - Electrical, water, sanitary sewer, process sewer, fire protection, and central steam systems.
(c) Roads, and other transportation infrastructure, excluding railroads.
(d) Site transportation services, courier service, Government owned/leased vehicles/equipment management and maintenance.
(e) Janitorial services, fabrication shops, pesticide and herbicide programs.
(f) Municipal solid waste disposal service.
(g) Inventory, warehousing, and material management.
(h) Investment recovery program for excess/surplus materials.
(i) Real property management.
(j) Calibration and engineering laboratories.
(k) Land use planning and management.
(l) Demolition of excess general purpose facilities.
(m) Provision of stores.
(n) Information Resources Management (IRM) Support.
(o) Computer, Local Area Network, and data network operations.
(p) End-user computer support.
(q) Information systems, telecommunications, and multi-media services.

The key tenets of the Infrastructure Project are:
* Integrate infrastructure services with Site and Project requirements.
* Provide services consistent with best commercial practices, achieving competitive costs through innovative solutions.

4.6.1 Utilities

4.6.1.a Project Structure

- Steam Utilities (RL-I111)
- Water Utilities (RL-I112)
- Liquid Sanitary Waste Utilities (RL-I113)
- Electrical Utilities (RL-I114)

4.6.1.b Hanford Strategic Plan Goals

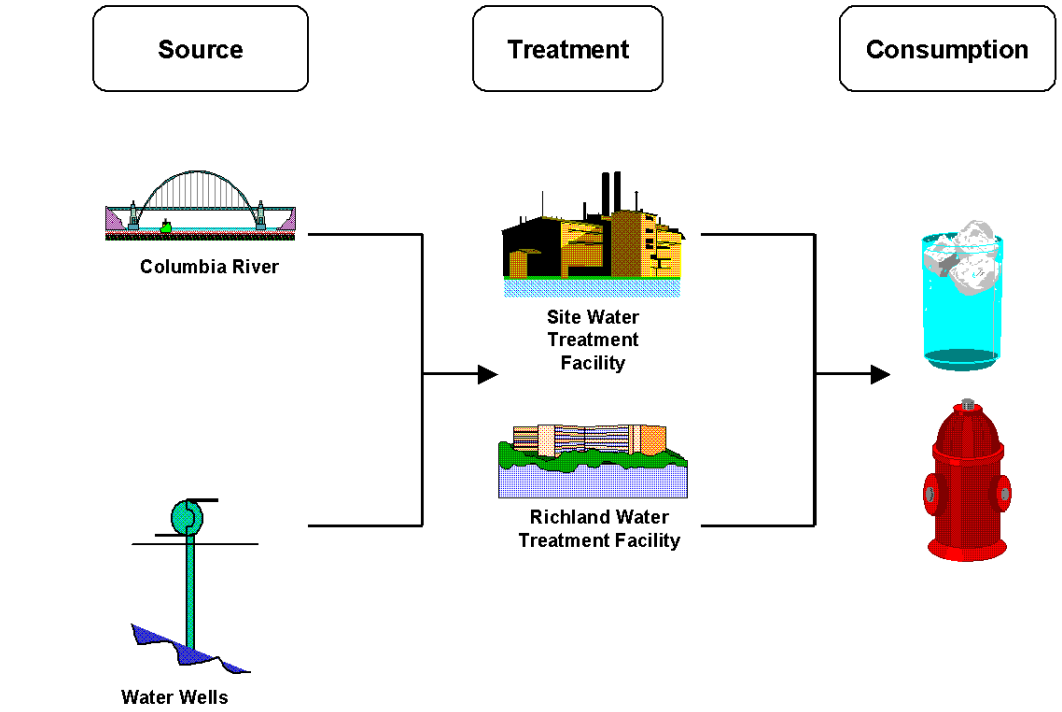
The Waste, Material, and Geographic Area Goals contained in the Hanford Strategic Plan (DOE/RL-96-92), represent planning assumptions around which the Hanford Environmental Management effort is structured. Each Mission Area and Project partially support each of these goals, per scope of work described in the Prime Contracts. As an aggregate, all Mission Areas and Projects will fulfill the requirements of the Hanford Strategic Plan. As such, the Goals identified in this section cover only the goals directly supported by that specific Mission Area. Further details are contained in the Project planning documents. As records-of-decision are issued, these Goals will be amended in future revisions of the Hanford Strategic Plan.

- None

4.6.1.c Technical Logic

Figure 4-11 Water Utilities Material/Flow Logic

INFRASTRUCTURE PROGRAM WATER
Logic Diagram



990385 Systems Engineering

Figure 4-12 Liquid Sanitary Waste Utilities Material/Flow Logic

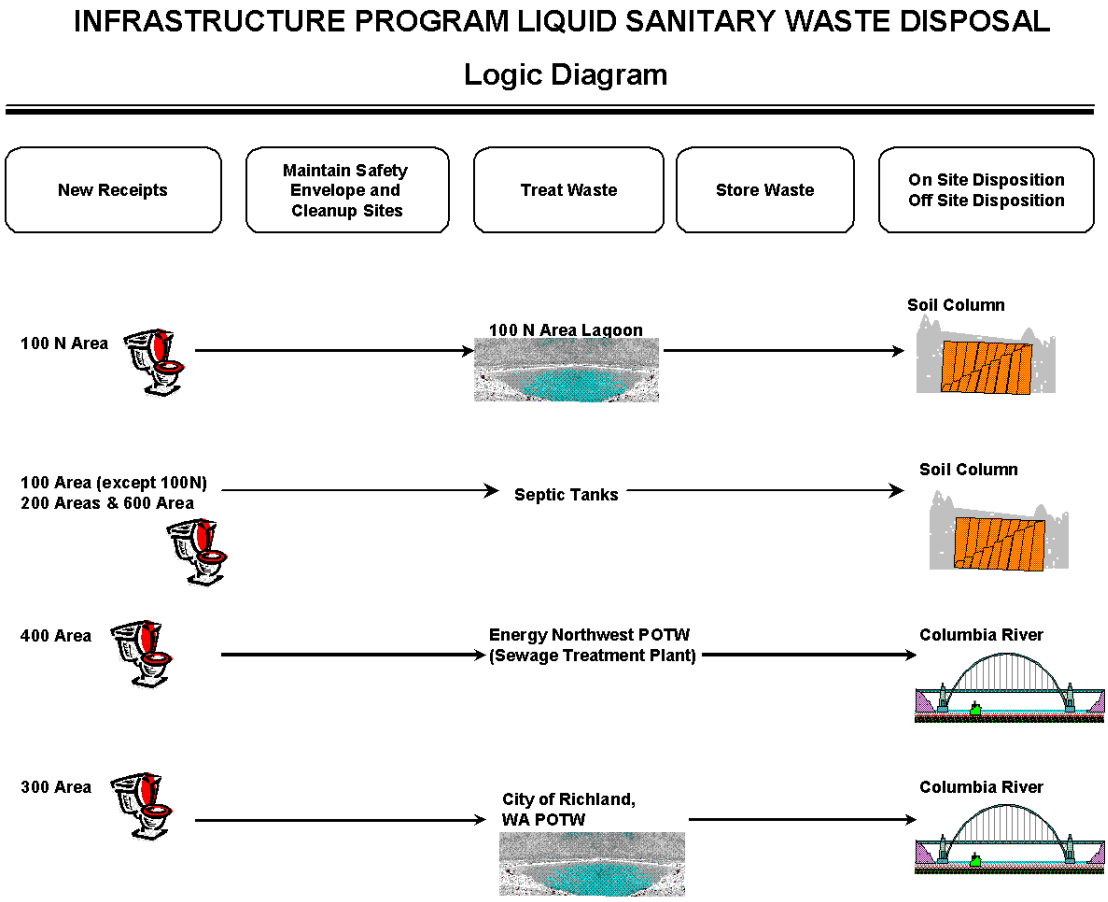
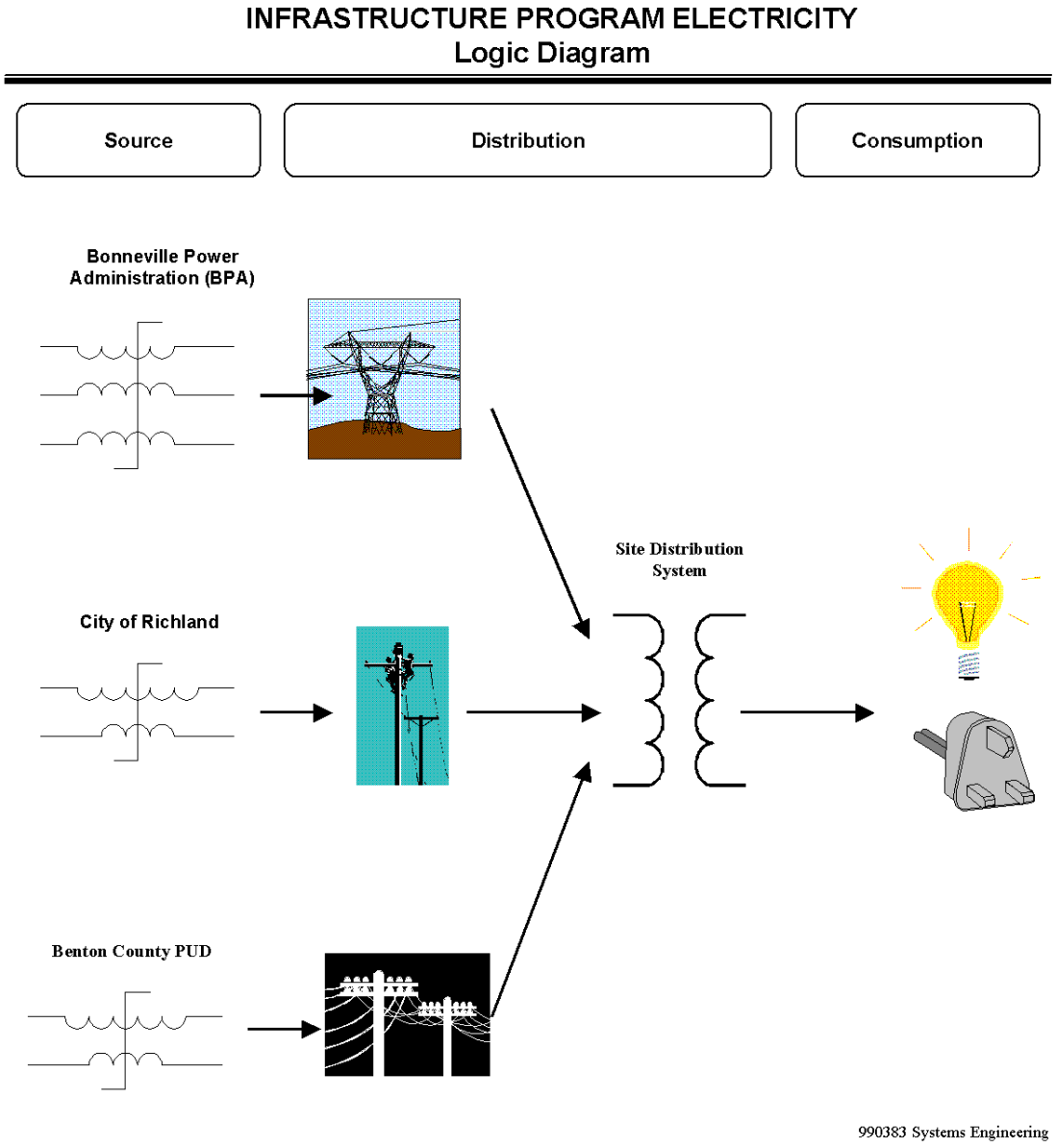


Figure 4-13 Electrical Utilities Material/Flow Logic



4.6.1.d Facility Life-Cycle Responsibility Assignments

Table 4-85 Utilities Facility Life-Cycle Responsibility Assignments

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
100-B Reactor	RL-ER10						RL-ER06
509BA	RL-ER10				RL-I111		RL-ER06
200 LEF	RL-WM05				RL-WM05		RL-ER02 RL-ER06
242ABA	RL-I111				RL-I111	RL-I111	RL-I111
B Plant	RL-TP01					RL-ER05 RL-TP01	RL-ER06 RL-ER07
225BBA	RL-I111				RL-I111	RL-I111	RL-I111
PFP	RL-TP05					RL-ER05 RL-TP05	RL-ER06 RL-ER07 RL-TP05
234-5Z-BA	RL-TP05 RL-TP13				RL-I111	RL-TP13	RL-ER06
222-S Laboratory	RL-WM06				RL-WM06	RL-ER05 RL-TP10	RL-ER06 RL-ER07
222SBA	RL-I111				RL-I111	RL-I111	RL-I111
Misc Engineering Laboratories	RL-ST01				RL-ST01 RL-TP13	RL-TP13	RL-TP13
324 Facility	RL-TP08					RL-ER05 RL-TP08	RL-ER06 RL-ER07
324BA	RL-I111 RL-TP08				RL-I111	RL-I111	RL-I111
325 Facility	RL-ST01				RL-ST01	RL-ER05 RL-TP14	RL-ER06 RL-ER07
325BA	RL-I111 RL-TP14				RL-I111	RL-I111	RL-I111
Steam System	RL-I111				RL-I111	RL-TP13	RL-TP13
284E	RL-I111						RL-TP13
284EB	RL-I111				RL-I111	RL-TP13	RL-TP13
284W	RL-I111						RL-TP13
285W	RL-I111				RL-I111	RL-TP13	RL-TP13
284WB	RL-I111						RL-TP13
384	RL-I111						RL-TP13
Water System	RL-I112 RL-TP13				RL-I112 RL-TP13	RL-TP13	RL-TP13
183.5KW	RL-I112				RL-I112	RL-TP13	RL-TP13
183.6KW	RL-I112				RL-I112	RL-TP13	RL-TP13
183KE	RL-I112				RL-I112	RL-TP13	RL-TP13
183.1KW	RL-I112				RL-I112	RL-TP13	RL-TP13
181B	RL-I112				RL-I112	RL-TP13	RL-TP13
182B	RL-I112				RL-I112	RL-TP13	RL-TP13
181D	RL-I112				RL-I112	RL-TP13	RL-TP13
182D	RL-I112				RL-I112	RL-TP13	RL-TP13
183D	RL-I112				RL-I112	RL-TP13	RL-TP13
1901Y	RL-I112				RL-I112	RL-TP13	RL-TP13
1902D	RL-I112				RL-I112	RL-TP13	RL-TP13
183-2KW	RL-I112				RL-I112	RL-TP13	RL-TP13
183-3KW	RL-I112				RL-I112	RL-TP13	RL-TP13
183-4KW	RL-I112				RL-I112	RL-TP13	RL-TP13
282E	RL-I112				RL-I112	RL-TP13	RL-TP13
282EA	RL-I112				RL-I112	RL-TP13	RL-TP13
282EB	RL-I112				RL-I112	RL-TP13	RL-TP13
282ED	RL-I112				RL-I112	RL-TP13	RL-TP13
283E	RL-I112				RL-I112	RL-TP13	RL-TP13
282W	RL-I112				RL-I112	RL-TP13	RL-TP13
282WA	RL-I112				RL-I112	RL-TP13	RL-TP13
282WD	RL-I112				RL-I112	RL-TP13	RL-TP13
283W	RL-I112				RL-I112	RL-TP13	RL-TP13
283WB	RL-I112				RL-I112	RL-TP13	RL-TP13

Table 4-85 Utilities Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
283WD	RL-I112				RL-I112	RL-TP13	RL-TP13
283WF	RL-I112				RL-I112	RL-TP13	RL-TP13
286W	RL-I112				RL-I112	RL-TP13	RL-TP13
2901Y	RL-I112				RL-I112	RL-TP13	RL-TP13
315	RL-I112				RL-I112	RL-TP13	RL-TP13
382	RL-I112				RL-I112	RL-TP13	RL-TP13
382B	RL-I112				RL-I112	RL-TP13	RL-TP13
315C	RL-I112				RL-I112	RL-TP13	RL-TP13
315D	RL-I112				RL-I112	RL-TP13	RL-TP13
Liquid Sanitary Waste System	RL-I113 RL-TP13				RL-I113 RL-TP13	RL-TP13	RL-TP13
4708	RL-I113				RL-I113	RL-TP13	RL-TP13
Electrical Distribution System	RL-I114 RL-TP13				RL-I114 RL-TP13	RL-TP13	RL-TP13
151B	RL-I114				RL-I114		RL-TP13
151-KE	RL-I114						RL-TP13
151-KW	RL-I114				RL-I114	RL-TP13	RL-TP13
251W	RL-I114				RL-I114	RL-TP13	RL-TP13
252E	RL-I114				RL-I114	RL-TP13	RL-TP13
252S	RL-I114				RL-I114	RL-TP13	RL-TP13
252U	RL-I114				RL-I114	RL-TP13	RL-TP13
252W	RL-I114				RL-I114	RL-TP13	RL-TP13
621A	RL-I114				RL-I114	RL-TP13	RL-TP13
621B	RL-I114				RL-I114	RL-TP13	RL-TP13
351A	RL-I114				RL-I114	RL-TP13	RL-TP13
351B	RL-I114				RL-I114	RL-TP13	RL-TP13
352E	RL-I114				RL-I114	RL-TP13	RL-TP13
352F	RL-I114				RL-I114	RL-TP13	RL-TP13
3621E	RL-I114				RL-I114	RL-TP13	RL-TP13
3621C	RL-I114				RL-I114	RL-TP13	RL-TP13
3621D	RL-I114				RL-I114	RL-TP13	RL-TP13
652	RL-I114				RL-I114	RL-TP13	RL-TP13
General Purpose Shops	RL-I14 RL-TP13				RL-I14 RL-TP13	RL-TP13	RL-TP13
306EBA					RL-I111	RL-I111	RL-I111
305BA	RL-I111				RL-I111	RL-I111	RL-I111

* RL PBS Identifier Index:

RL-ER02 - 200 Area Source Remedial Action
RL-ER05 - Surveillance & Maintenance
RL-ER06 - Decontamination & Decommissioning
RL-ER07 - Long Term Surveillance & Maintenance
RL-ER10 - ER Program Management and Support
RL-I111 - Steam Utilities
RL-I112 - Water Utilities
RL-I113 - Liquid Sanitary Waste Utilities
RL-I114 - Electrical Utilities
RL-I14 - Infrastructure Services
RL-ST01 - PNNL Waste Management
RL-TP01 - B-Plant
RL-TP05 - PFP
RL-TP08 - 324/327 Facility Transition
RL-TP10 - Accelerated Deactivation
RL-TP13 - Landlord
RL-TP14 - Hanford Surplus Facility Prog 300A Revitalization
RL-WM05 - Liquid Effluents
RL-WM06 - Analytical Services

4.6.1.e Performance Measures

4.6.1.1 Steam Utilities

4.6.1.1.1 Project Description Summary

Steam utilities are provided under contract to DOE-RL by Johnson Controls, Inc. (JCI). JCI is responsible for operating 36 boilers in 25 building annexes in the 200 and 300 Areas.

4.6.1.1.2 Life-Cycle Material and Waste Flow

Table 4-86 Steam Utilities Waste/Material Flow (Out)

Major Facility	Category	Period	Value	Units
Steam System	Treated Liquid Effluent	2000 - 2035	107000	cubic meters

4.6.1.1.3 Facility Life-Cycle Requirements

- Requirements
  - Steam facilities shall be operated and maintained and steam services shall be provided in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole.
- Planning Assumptions
  - None

4.6.1.1.4 Project Safety Authorization Basis/NEPA and Permits

4.6.1.1.5 Tri-Party Agreement Requirements

Tri-Party Agreement Change Request M-92-58-01 places the M-92-9 and M-92-10 milestones "in abeyance".

- None

4.6.1.1.6 Interfaces

TABLE 4-87 Steam Utilities Interfaces

Project Title	Project Number	Interface
Tank Farm Operations	RL-TW03	Receives Steam for TWRS-200E
Liquid Effluents	RL-WM05	Receives Package Boiler Treated Liquid Effluent Receives Steam for 242-A Evap
Analytical Services	RL-WM06	Receives Steam for Analytical Services
WESF	RL-TP02	Receives Steam for WESF
PFP	RL-TP05	Receives Steam for PFP Facility
324/327 Facility Transition	RL-TP08	Receives Steam for 324 Facility Receives Steam for 327 Facility
Hanford Surplus Facility Prog 300A Revitalization	RL-TP14	Receives Steam for 320 Misc Rad Facility Building Receives Steam for 323 Misc Rad Facility Building Receives Steam for 3706 Building Receives Steam for 3720 Misc Rad Facility Building Receives Steam for 3745 Misc Rad Facility Building
Landlord	RL-TP13	Receives Excessed Steam System
Long Term Surveillance & Maintenance	RL-ER07	Receives Steam for PFP Facility
PNNL Waste Management	RL-ST01	Receives Steam for 318 Misc Rad Facility Building Receives Steam for 320 Misc Rad Facility Building Receives Steam for 323 Misc Rad Facility Building Receives Steam for 325 Facility Receives Steam for 326 Facility Receives Steam for 337/337B Environmental Support Buildings Receives Steam for 3720 Misc Rad Facility Building Receives Steam for 3745 Misc Rad Facility Building Receives Steam for 3760 Envir Supt Building

4.6.1.1.7 Requirements References

- None

4.6.1.2 Water Utilities

4.6.1.2.1 Project Description Summary

Water Utilities is responsible for approximately 100 miles of distribution piping ranging in size between 42 inches and 2 inches, most of which is over 50 years old.

Water Utilities must maintain the 200 Areas water production within the requirements of State and Federal standards and customer needs. 200 Area Water Utility is responsible for the administration, operation, maintenance and any necessary support from others essential to produce quality potable water. Water Utilities is responsible for the 283W-filtration plant, with 4 basins, 4 filter beds, 4 potable water pumps, 1 backwash pump, backwash recycle water treatment system - with components and the chlorine injection system. The Utility is responsible for developing upgrades and improvements associated with the 283W water treatment plant, the 283E pumping station, two potable water storage tanks (1.3 million-gallon each), and the Backwash Recycle Facilities and equipment. Water Utilities is required to maintain Washington State Certifications for Water Treatment Plant Operators.

The City of Richland is the source of potable water for the 300 area, via a 16-inch transmission line, to the 382 Facility Complex for further distribution. The Water Utility Group distributes

potable water within the 300 Area. Sodium Hypochlorite (NaOCl) is added to maintain the chlorine residual within the distribution system, to meet disinfecting requirements. On a daily basis, Operators draw water samples, analyze and adjust the chemical injection rate, as necessary, to meet water quality standards. Water Utilities is responsible for the administration, operation and maintenance of the 300 Area potable water system. Water Utilities maintains the Columbia River pumping station, (312 Facility), two potable water storage tanks (1.7 million gallons), approximately 20 miles of distribution piping - ranging in size from 16 inches to 2 inches, associated fire hydrants, two diesel driven fire pumps, with associated support equipment, 5 distribution pumps and other related distribution support equipment.

Water Utilities operates, maintains and supervises the standby electrical generation, and distribution within the 300 area. They also operate, maintain and supervise the distribution of 100 pound per square inch (psi) utility air within the 300 area. Johnson Controls, Inc. operates the air compressors within the 300 Area and Water Utilities operates and interfaces with the customers.

4.6.1.2.2 Life-Cycle Material and Waste Flow

Table 4-88 Water Utilities Waste/Material Flow (Out)

Major Facility	Category	Period	Value	Units
Water System	Treated Liquid Effluent	2000 - 2035	358000	cubic meters

4.6.1.2.3 Facility Life-Cycle Requirements

- Requirements
  - Water facilities shall be operated and maintained and water services shall be provided in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole.
- Planning Assumptions
  - None

4.6.1.2.4 Project Safety Authorization Basis/NEPA and Permits

4.6.1.2.5 Tri-Party Agreement Requirements

- None

4.6.1.2.6 Interfaces

TABLE 4-89 Water Utilities Interfaces

Project Title	Project Number	Interface
City of Richland	EXTERNAL	Provides Potable Water from City of Richland
Soil Column	EXTERNAL	Provides Raw Water from Wells
Columbia River	EXTERNAL	Provides Raw Water from Columbia River
Tank Farm Operations	RL-TW03	Receives Potable Water for TWRS-200E Receives Potable Water for TWRS-200W Receives Potable Water for TWRS-MGMT Receives Raw Water for Tank Farm Operations
Retrieval	RL-TW04	Receives Raw Water for Deliver Waste Feed Receives Raw Water for SST Retrieval
Privatization Phase I	RL-TW06	Receives Potable Water for LAW/HLW Plant, Phase I Receives Raw Water (Fire Suppression) for LAW/HLW Plant, Phase I Receives Raw Water (Process Water) for LAW/HLW Plant, Phase I Facility Receives Raw Water (Process Water) for LAW/HLW Plant, Phase I Feed Tanks Receives Raw Water for LAW/HLW Plant, Phase I
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Potable Water Receives Potable Water for ILAWDF Receives Potable Water for Stor&Disp Receives Raw Water for ILAWDF
Solid Waste Storage & Disposal	RL-WM03	Receives Potable Water Receives Potable Water for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Potable Water Receives Potable Water for 200-TP Receives Potable Water for 200-WRAP
Liquid Effluents	RL-WM05	Receives Potable Water Receives Potable Water for 200A-LEF Receives Potable Water for 242-A Evap Receives Potable Water for 300A-LEF Receives Raw Water for 200A-LEF
Analytical Services	RL-WM06	Receives Raw Water for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Potable Water for SNF Receives Raw Water Receives Raw Water for SNF
Canister Storage Building Operations	RL-WM02	Receives Raw Water for CSB
WESF	RL-TP02	Receives Potable Water for WESF Receives Raw Water for WESF
PUREX	RL-TP03	Receives Potable Water for PUREX Receives Raw Water for PUREX
PFP	RL-TP05	Receives Potable Water for PFP
Accelerated Deactivation	RL-TP10	Receives Potable Water for 200-WRAP

4.6.1.2.7 Requirements References

- None

4.6.1.3 Liquid Sanitary Waste Utilities

4.6.1.3.1 Project Description Summary

Liquid Sanitary Waste Utilities is responsible for proper operation and maintenance of the Site sanitary sewer system as mandated by contractual agreement with the City of Richland and State and Federal Codes and Regulations. Responsibilities include operation and maintenance of collection systems, lift stations, flow tracking, sampling, drainfield rotations, filter

inspection/cleaning, drainfield monitor port inspections, tank pumping, and electrical component inspection. Financial responsibilities include contract costs associated with wastewater acceptance and treatment at the Richland treatment plant, supervision over the operation and maintenance of the sewer systems, and assurance of compliance with State and Federal environmental regulations.

4.6.1.3.2 Life-Cycle Material and Waste Flow

Table 4-90 Liquid Sanitary Waste Utilities Waste/Material Flow (In)

Major Facility	Category	Period	Value	Units
Liquid Sanitary Waste System	Sanitary Liquid Waste	2000 - 2032	62400	cubic meters
	Sanitary Liquid Waste	2000 - 2042	1730	Mgal

4.6.1.3.3 Facility Life-Cycle Requirements

- Requirements

  - Liquid sanitary waste facilities shall be operated and maintained in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.1.3.4 Project Safety Authorization Basis/NEPA and Permits

4.6.1.3.5 Tri-Party Agreement Requirements

- None

4.6.1.3.6 Interfaces

TABLE 4-91 Liquid Sanitary Waste Utilities Interfaces

Project Title	Project Number	Interface
Tank Farm Operations	RL-TW03	Provides TWRS Sanitary Liquid Waste
Privatization Phase II	RL-TW07	Provides LAW Ph-II Liquid Sanitary Waste
Immobilized Tank Waste Storage & Disposal	RL-TW09	Provides IHLWSM Liquid Sanitary Waste

4.6.1.3.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.1.4 Electrical Utilities

4.6.1.4.1 Project Description Summary

Electrical Utilities is responsible for the Hanford electrical transmission and distribution system. This function operates and maintains the 100/200 Areas, 600 Area, and 300 Area electrical systems, provides day shift electrical dispatching, and provides site-wide PCB oil-leak cleanup services. Electrical power for the 700, 1100, and 3000 Areas is provided by the City of Richland. The Electrical Utilities function works with the Bonneville Power Administration to ensure that forecasted electrical needs for the Hanford Site are met. The 400 Area is operated by the FFTF program, with maintenance performed by Electrical Utilities on a work order basis.

4.6.1.4.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.1.4.3 Facility Life-Cycle Requirements

- Requirements

  - Electrical distribution facilities shall be operated and maintained and electrical distribution services shall be provided in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole.
  - The high voltage electrical transmission system including substations and some portion, if not all, of the 13.8KV distribution service will be provided by service agreements with offsite utility companies. Note: Contracts for the above services awarded by DOE prior to the effective date of this contract may be assigned to the Contractor for management and integration.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.1.4.4 Project Safety Authorization Basis/NEPA and Permits

4.6.1.4.5 Tri-Party Agreement Requirements

- None

4.6.1.4.6 Interfaces

TABLE 4-92 Electrical Utilities Interfaces

Project Title	Project Number	Interface
BPA	EXTERNAL	Provides Electricity from BPA
City of Richland	EXTERNAL	Provides Electricity from City of Richland
Benton County PUD	EXTERNAL	Provides Electricity from Benton County PUD
Tank Farm Operations	RL-TW03	Receives Electricity Receives Electricity for TWRS-200E Receives Electricity for TWRS-200W Receives Electricity for TWRS-MGMT
Privatization Phase I	RL-TW06	Receives Electricity Receives Electricity for LAW/HLW Plant, Phase I Facility Receives Electricity for LAW/HLW Plant, Phase I Feed Tanks
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Electricity Receives Electricity for CSB Receives Electricity for ILAWDF Receives Electricity for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Electricity Receives Electricity for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Electricity Receives Electricity for 200-TP Receives Electricity for 200-WRAP Receives Electricity for 2706-T
Liquid Effluents	RL-WM05	Receives Electricity Receives Electricity for 200A-LEF Receives Electricity for 242-A Evap Receives Electricity for 300A-340 Receives Electricity for 300A-LEF
Analytical Services	RL-WM06	Receives Electricity Receives Electricity for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Electricity Receives Electricity for SNF
Canister Storage Building Operations	RL-WM02	Receives Electricity for CSB
WESF	RL-TP02	Receives Electricity for WESF
PUREX	RL-TP03	Receives Electricity for PUREX
PFP	RL-TP05	Receives Electricity for PFP
Surveillance & Maintenance	RL-ER05	Receives Electricity for REDOX
Advanced Reactors Transition	RL-TP11	Receives Electricity for 309 Receives Electricity for NE Legacy Facilities

4.6.1.4.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.2 Transportation

4.6.2.a Project Structure

- Fleet Maintenance (RL-I121)
- Transportation Services (RL-I123)
- Road and Grounds Maintenance (RL-I124)

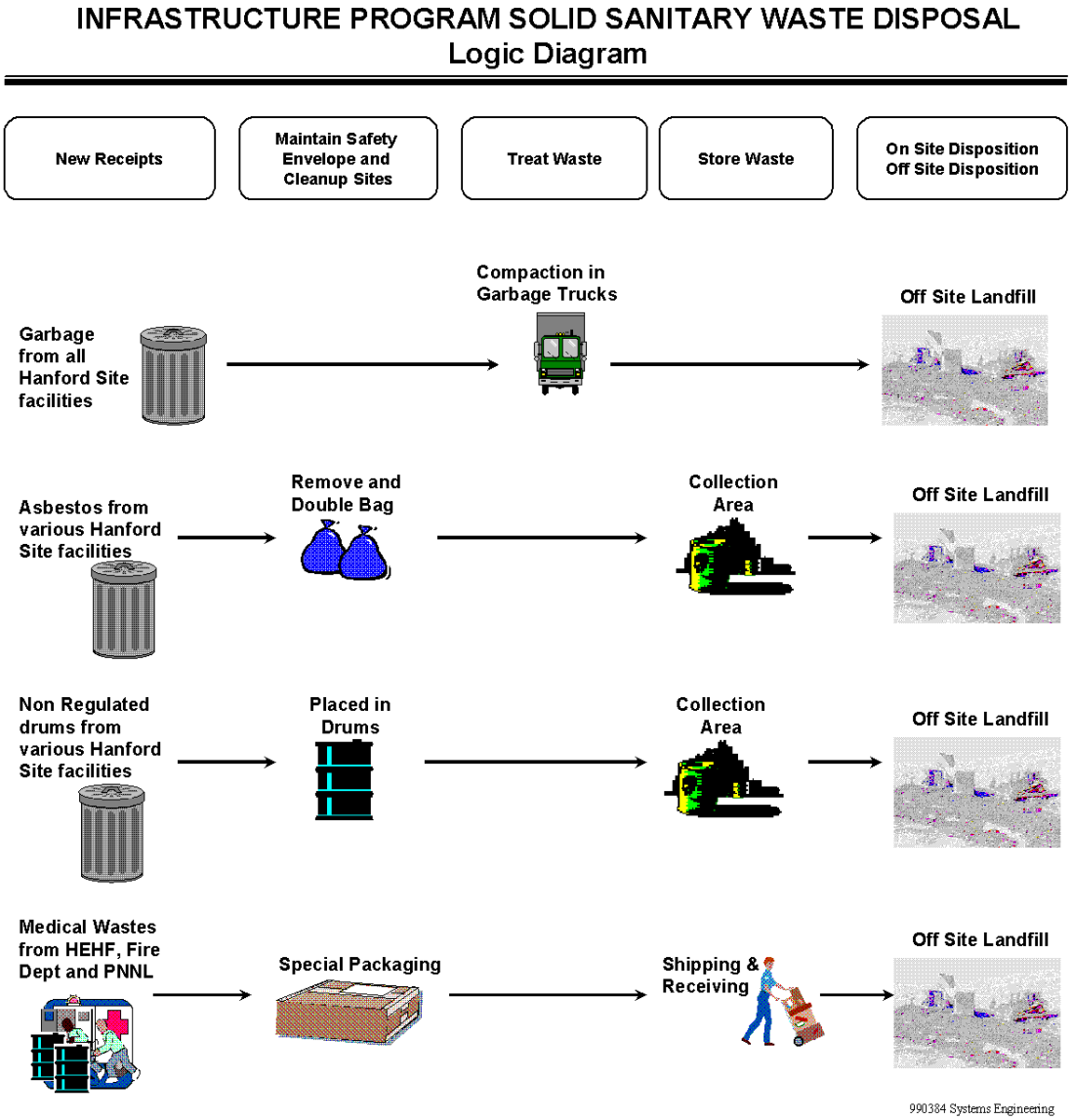
4.6.2.b Hanford Strategic Plan Goals

The Waste, Material, and Geographic Area Goals contained in the Hanford Strategic Plan (DOE/RL-96-92), represent planning assumptions around which the Hanford Environmental Management effort is structured. Each Mission Area and Project partially support each of these goals, per scope of work described in the Prime Contracts. As an aggregate, all Mission Areas and Projects will fulfill the requirements of the Hanford Strategic Plan. As such, the Goals identified in this section cover only the goals directly supported by that specific Mission Area. Further details are contained in the Project planning documents. As records-of-decision are issued, these Goals will be amended in future revisions of the Hanford Strategic Plan.

- None

4.6.2.c Technical Logic

Figure 4-14 Transportation Material/Flow Logic



4.6.2.d Facility Life-Cycle Responsibility Assignments

Table 4-93 Transportation Facility Life-Cycle Responsibility Assignments

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
FFTF	RL-MS01				RL-MS01	RL-ER05 RL-MS01	RL-ER06 RL-ER07
4843	RL-TP13				RL-I123	RL-TP13	RL-TP13
Road System	RL-I124 RL-TP13				RL-I124 RL-TP13	RL-TP13	RL-TP13

* RL PBS Identifier Index:

RL-ER05 - Surveillance & Maintenance
RL-ER06 - Decontamination & Decommissioning
RL-ER07 - Long Term Surveillance & Maintenance
RL-I123 - Transportation Services
RL-I124 - Road and Grounds Maintenance
RL-MS01 - FFTF Project
RL-TP13 - Landlord

4.6.2.e Performance Measures

4.6.2.1 Fleet Maintenance

4.6.2.1.1 Project Description Summary

Fleet Maintenance performs regulated, corrective, and preventive vehicle and equipment maintenance based on manufacturer recommendations, Department of Transportation regulations, and Hanford experience. Modifications to equipment are performed based on customer requirements. In addition, Fleet Maintenance dispenses fuel from Site fuel trucks to equipment that does not have access to fuel stations. The Business Office operations support commercially based customer billings, maintenance record and database management. GSA reimbursement is processed in accordance with the request for services between GSA and DOE-RL.

4.6.2.1.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.2.1.3 Facility Life-Cycle Requirements

- Requirements
    - None

- Planning Assumptions

  - None

4.6.2.1.4 Project Safety Authorization Basis/NEPA and Permits

4.6.2.1.5 Tri-Party Agreement Requirements

  - None

4.6.2.1.6 Interfaces

4.6.2.1.7 Requirements References

  - None

4.6.2.2 Transportation Services

4.6.2.2.1 Project Description Summary

Transportation Services is responsible to perform the following. Plan, manage, and administer logistics support for the existing transportation infrastructure for the guaranteed ride home program and the outer area taxi service. Provide site-wide support for delivery and pickup services. This includes the movement of essential documents and calibrated instruments. Provide office move support, transportation of records, and general transportation support including boxes, computers, file servers, furniture, and equipment. Provide delivery of materials from the Central Stores Complex and local vendors to all areas across the Site. Provide heavy equipment operations support and transportation services to all Site customers.

The Transportation Operations (TO) organization is responsible for pickup, inspection, and disposal of non-radioactive, non-hazardous dry waste for offsite disposal. This scope may include the operation of an on-site transfer station and incorporates offsite contamination control, cost optimization, and waste minimization related to solid sanitary waste disposal. Responsible for safe operations by monitoring and inspections of landfill areas. TO shall use the best business practices in a safe, timely, cost-effective manner in support of Project Hanford Management Contract (PHMC) customers and workers. TO will support the Hanford mission in an efficient, responsible, professional manner that optimizes the site infrastructure.

4.6.2.2.2 Life-Cycle Material and Waste Flow

Table 4-94 Transportation Services Waste/Material Flow (Out)

Major Facility	Category	Period	Value	Units
General Purpose Shops	Asbestos	2000 - 2034	4300	cubic meters
	Sanitary Solid Waste	2000 - 2034	148000	cubic meters

4.6.2.2.3 Facility Life-Cycle Requirements

- Requirements

  - Solid sanitary waste shall be transported for offsite disposal in a safe, secure, environmentally sound, and cost-effective manner.
  - Site Transportation Services. Provide for operations and maintenance of GSA-leased and DOE-owned equipment of all types. There is a significant effort underway to reduce the inventory of equipment. The Contractor is encouraged to be innovative in approaching "how" to meet site transportation and equipment requirements. The Contractor is not to assume that DOE desires to maintain this service area as either a central or onsite function and should work to reduce this costly overhead service on a sitewide basis while continuing to meet mission requirements.
  - Oversee program for disposal of municipal solid waste. The Contractor shall manage the other types of waste disposal (asbestos, drum, medical).

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.2.2.4 Project Safety Authorization Basis/NEPA and Permits

4.6.2.2.5 Tri-Party Agreement Requirements

- None

4.6.2.2.6 Interfaces

TABLE 4-95 Transportation Services Interfaces

Project Title	Project Number	Interface
Offsite Landfill	EXTERNAL	Receives Asbestos from Landlord CP Demolitions Receives Asbestos from Landlord SS Demolitions Receives Landlord Generated CP Sanitary Solid Waste Receives Landlord Generated SS Sanitary Solid Waste Receives OFFSITE LANDFILL SAN (SOL) DISP, Sanitary Solid Waste Receives Shipped Solid Sanitary Waste to Offsite Landfills
Tank Farm Operations	RL-TW03	Receives Heavy Equipment for TWRS-200E Receives Heavy Equipment for TWRS-200W Receives Heavy Trucks for TWRS-200E Receives Heavy Trucks for TWRS-200W Receives Sedans/Light Trucks for TWRS-200E Receives Sedans/Light Trucks for TWRS-200W
Privatization Phase I	RL-TW06	Receives Hanford Road Sys. Heavy Traffic for LAW/HLW Ph-1
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Hanford Road Sys. Heavy Traffic for Stor&Disp Receives Heavy Trucks for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Hanford Road Sys. Heavy Traffic for 200-SWM Receives Heavy Equipment for 200-SWM Receives Heavy Trucks for 200-SWM Receives Sedans/Light Trucks for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Hanford Road Sys. Heavy Traffic for 200-WRAP Receives Heavy Equipment for 200-TP Receives Heavy Trucks for 200-TP Receives Heavy Trucks for 200-WRAP Receives Sedans/Light Trucks for 200-TP Receives Sedans/Light Trucks for 200-WRAP
Liquid Effluents	RL-WM05	Receives Hanford Road Sys. Heavy Traffic for 300A-LEF Receives Heavy Equipment for 200A-LEF Receives Heavy Equipment for 300A-LEF Receives Heavy Trucks for 300A-LEF Receives Sedans/Light Trucks for 200A-LEF Receives Sedans/Light Trucks for 242-A Evap Receives Sedans/Light Trucks for 300A-LEF
Analytical Services	RL-WM06	Receives Sedans/Light Trucks for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Hanford Road Sys. Heavy Traffic for SNF Receives Heavy Equipment for SNF Receives Heavy Trucks for SNF Receives Sedans/Light Trucks for SNF
WESF	RL-TP02	Receives Hanford Road Sys. Heavy Traffic for WESF Receives Heavy Equipment for WESF Receives Heavy Trucks for WESF Receives Sedans/Light Trucks for WESF
PUREX	RL-TP03	Receives Hanford Road Sys. Heavy Traffic for PUREX Receives Heavy Trucks for PUREX
PFP	RL-TP05	Receives Heavy Trucks for PFP
Accelerated Deactivation	RL-TP10	Receives Hanford Road Sys. Heavy Traffic for 200-WRAP Receives Heavy Trucks for 200-WRAP Receives Sedans/Light Trucks for 200-WRAP

4.6.2.2.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.2.3 Road and Grounds Maintenance

4.6.2.3.1 Project Description Summary

Road and Grounds Maintenance is responsible to perform the following. Plan, manage, and administer activities for the existing roads and grounds infrastructure in the 200 and 300 Areas, including patching, sweeping, road striping, sign repair, and snow removal. Maintain the Hanford Site's 487.63 kilometers (303 lane miles) of primary and secondary roads. Provide surveillance and maintenance to ensure the safety and environmental integrity of the 560 square miles of the 600 Area. The 600 Area consists of all areas on the Hanford Site outside other designated areas.

4.6.2.3.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.2.3.3 Facility Life-Cycle Requirements

- Requirements

  - Hanford road system shall be maintained in a safe, secure, environmentally sound, and cost-effective manner.
  - Provide all essential infrastructure services in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole. The types of services in this area include:
    (a) Maintenance and operations of facilities at Hanford.
    (b) Utilities - Electrical, water, sanitary sewer, process sewer, fire protection, and central steam systems. (See special consideration for the 100, 200, and 300 areas below.)
    (c) Roads, railroads, and other transportation infrastructure.
    (d) Site transportation services, courier service, Government owned/leased vehicles/equipment management and maintenance.
    (e) Janitorial services, fabrication shops, pesticide and herbicide programs.
    (f) Municipal solid waste disposal service.
    (g) Inventory, warehousing, and material management.
    (h) Investment recovery program for excess/surplus materials.
    (i) Real property management.
    (j) Calibration and engineering laboratories.
    (k) Land use planning and management.
    (l) Demolition of excess general purpose facilities.
    (m) Provision of stores.
    (n) Information Resources Management (IRM) Support
    (o) Computer, Local Area Network, and data network operations.
    (p) End-user computer support.
    (q) Information systems, telecommunications, and multi-media services.

- Planning Assumptions

  - None

4.6.2.3.4 Project Safety Authorization Basis/NEPA and Permits

4.6.2.3.5 Tri-Party Agreement Requirements

- None

4.6.2.3.6 Interfaces

TABLE 4-96 Road and Grounds Maintenance Interfaces

Project Title	Project Number	Interface
Hanford Legacy	EXTERNAL	Provides Roads to be maintained

4.6.2.3.7 Requirements References

- None

4.6.3 General Purpose Facilities

4.6.3.a Project Structure

- Government Owned Offices (RL-I131)
- Commercial Leases - OP (RL-I132)

4.6.3.b Hanford Strategic Plan Goals

The Waste, Material, and Geographic Area Goals contained in the Hanford Strategic Plan (DOE/RL-96-92), represent planning assumptions around which the Hanford Environmental Management effort is structured. Each Mission Area and Project partially support each of these goals, per scope of work described in the Prime Contracts. As an aggregate, all Mission Areas and Projects will fulfill the requirements of the Hanford Strategic Plan. As such, the Goals identified in this section cover only the goals directly supported by that specific Mission Area. Further details are contained in the Project planning documents. As records-of-decision are issued, these Goals will be amended in future revisions of the Hanford Strategic Plan.

- None

4.6.3.c Technical Logic

4.6.3.d Facility Life-Cycle Responsibility Assignments

Table 4-97 General Purpose Facilities Facility Life-Cycle Responsibility Assignments

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
PFP	RL-TP05					RL-ER05 RL-TP05	RL-ER06 RL-ER07 RL-TP05
MO014	RL-I13				RL-I131 RL-TP05	RL-TP13	RL-TP13
MO428	RL-I13				RL-I131 RL-TP05	RL-TP13	RL-TP13
MO429	RL-I13				RL-I131 RL-TP05	RL-TP13	RL-TP13
MO432	RL-I13				RL-I131 RL-TP05	RL-TP13	RL-TP13
MO834	RL-I13				RL-I131 RL-TP05	RL-TP13	RL-TP13
MO839	RL-I13				RL-I131 RL-TP05	RL-TP13	RL-TP13
General Purpose Offices	RL-I13 RL-TP13				RL-I13 RL-TP13	RL-TP13	RL-TP13
2200B	RL-I13				RL-I131	RL-TP13	RL-TP13
2201B	RL-I13				RL-I131	RL-TP13	RL-TP13
2245B	RL-I13				RL-I131	RL-TP13	RL-TP13
2259W	RL-I13				RL-I13	RL-TP13	
2701EC	RL-I13					RL-TP13	RL-TP13
2701M	RL-I13						RL-TP13
2704C	RL-I13				RL-I13		
2704S	RL-I13				RL-I131	RL-TP13	RL-TP13
2704W	RL-I13						RL-TP13
2707E	RL-I13				RL-I131	RL-TP13	RL-TP13
2707W	RL-I13				RL-I131	RL-TP13	RL-TP13
2710E	RL-I13				RL-I131	RL-TP13	RL-TP13
2710W	RL-I13				RL-I131	RL-TP13	RL-TP13
2713E	RL-I13						RL-TP13
2719EA	RL-I13				RL-I131	RL-TP13	RL-TP13
2719WB	RL-I13				RL-I131	RL-TP13	RL-TP13
2721E	RL-I13				RL-I131	RL-TP13	RL-TP13
2721EA	RL-I13				RL-I131	RL-TP13	RL-TP13
2722E	RL-I13						RL-TP13
2723W	RL-I13				RL-I131	RL-TP13	RL-TP13
2727E	RL-I13				RL-I131	RL-TP13	RL-TP13
272EA	RL-I13				RL-I131	RL-TP13	RL-TP13
274AW	RL-I13				RL-I131	RL-TP13	RL-TP13
2750E	RL-I13				RL-I131	RL-TP13	RL-TP13
2751E	RL-I13				RL-I131	RL-TP13	RL-TP13
2752E	RL-I13				RL-I131	RL-TP13	RL-TP13
2753E	RL-I13				RL-I131	RL-TP13	RL-TP13
278AW	RL-I13				RL-I131	RL-TP13	RL-TP13
278WA	RL-I13				RL-I131	RL-TP13	RL-TP13
604A	RL-I13				RL-I131	RL-TP13	RL-TP13
622G	RL-I13					RL-TP13	RL-TP13
MO011	RL-I13				RL-I131	RL-TP13	RL-TP13
MO012	RL-I13						RL-TP13
MO015	RL-I13				RL-I131	RL-TP13	RL-TP13
MO016	RL-I13				RL-I131	RL-TP13	RL-TP13
MO017	RL-I13				RL-I131	RL-TP13	RL-TP13
MO019	RL-I13				RL-I131	RL-TP13	RL-TP13
MO021	RL-I13						RL-TP13
MO027	RL-I13				RL-I131	RL-TP13	RL-TP13
MO028	RL-I13				RL-I131	RL-TP13	RL-TP13

Table 4-97 General Purpose Facilities Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
MO029	RL-I13				RL-I131	RL-TP13	RL-TP13
MO031	RL-I13				RL-I131	RL-TP13	RL-TP13
MO032	RL-I13				RL-I131	RL-TP13	RL-TP13
MO037	RL-I13				RL-I131	RL-TP13	RL-TP13
MO039	RL-I13				RL-I131	RL-TP13	RL-TP13
MO040	RL-I13						RL-TP13
MO041	RL-I13				RL-I131	RL-TP13	RL-TP13
MO042	RL-I13						RL-TP13
MO043	RL-I13						RL-TP13
MO047	RL-I13						RL-TP13
MO056	RL-I13				RL-I13		
MO108	RL-I13				RL-I13	RL-TP13	
MO112	RL-I13				RL-I131	RL-TP13	RL-TP13
MO201	RL-I13				RL-I13		
MO203	RL-I13				RL-I13		
MO204	RL-I13						RL-TP13
MO206	RL-I13				RL-I131	RL-TP13	RL-TP13
MO211	RL-I13				RL-I131	RL-TP13	RL-TP13
MO215	RL-I13				RL-I131	RL-TP13	RL-TP13
MO227	RL-I13						RL-TP13
MO228	RL-I13				RL-I13		
MO232	RL-I13				RL-I131	RL-TP13	RL-TP13
MO234	RL-I13				RL-I131	RL-TP13	RL-TP13
MO235	RL-I13				RL-I131	RL-TP13	RL-TP13
MO240	RL-I13				RL-I131	RL-TP13	RL-TP13
MO244	RL-I13				RL-I131	RL-TP13	RL-TP13
MO245	RL-I13				RL-I131	RL-TP13	RL-TP13
MO246	RL-I13				RL-I131	RL-TP13	RL-TP13
MO247	RL-I13				RL-I131	RL-TP13	RL-TP13
MO248	RL-I13				RL-I131	RL-TP13	RL-TP13
MO249	RL-I13				RL-I131	RL-TP13	RL-TP13
MO250	RL-I13				RL-I131	RL-TP13	RL-TP13
MO251	RL-I13				RL-I131	RL-TP13	RL-TP13
MO252	RL-I13				RL-I131	RL-TP13	RL-TP13
MO253	RL-I13				RL-I131	RL-TP13	RL-TP13
MO254	RL-I13				RL-I131	RL-TP13	RL-TP13
MO255	RL-I13				RL-I131	RL-TP13	RL-TP13
MO256	RL-I13				RL-I131	RL-TP13	RL-TP13
MO257	RL-I13				RL-I131	RL-TP13	RL-TP13
MO266	RL-I13				RL-I131	RL-TP13	RL-TP13
MO267	RL-I13				RL-I131	RL-TP13	RL-TP13
MO268	RL-I13				RL-I131	RL-TP13	RL-TP13
MO272	RL-I13				RL-I131	RL-TP13	RL-TP13
MO273	RL-I13				RL-I131	RL-TP13	RL-TP13
MO276	RL-I13				RL-I131	RL-TP13	RL-TP13
MO277	RL-I13				RL-I131	RL-TP13	RL-TP13
MO280	RL-I13				RL-I131	RL-TP13	RL-TP13
MO281	RL-I13				RL-I131	RL-TP13	RL-TP13
MO282	RL-I13				RL-I131	RL-TP13	RL-TP13
MO283	RL-I13				RL-I131	RL-TP13	RL-TP13
MO284	RL-I13				RL-I131	RL-TP13	RL-TP13
MO285	RL-I13				RL-I131	RL-TP13	RL-TP13
MO286	RL-I13				RL-I131	RL-TP13	RL-TP13
MO287	RL-I13				RL-I131	RL-TP13	RL-TP13
MO291	RL-I13				RL-I131	RL-TP13	RL-TP13
MO292	RL-I13				RL-I131	RL-TP13	RL-TP13
MO294	RL-I13				RL-I131	RL-TP13	RL-TP13
MO303	RL-I13				RL-I13		
MO306	RL-I13				RL-I13		
MO314	RL-I13				RL-I131	RL-TP13	RL-TP13
MO324	RL-I13				RL-I13		
MO346	RL-I13					RL-TP13	RL-TP13
MO347	RL-I13				RL-I13		
MO351	RL-I13				RL-I131	RL-TP13	RL-TP13
MO354	RL-I13				RL-I131	RL-TP13	RL-TP13
MO355	RL-I13				RL-I13		

Table 4-97 General Purpose Facilities Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
MO369	RL-I13						RL-TP13
MO377	RL-I13				RL-I131	RL-TP13	RL-TP13
MO384	RL-I13				RL-I131	RL-TP13	RL-TP13
MO386	RL-I13				RL-I131	RL-TP13	RL-TP13
MO388	RL-I13				RL-I131	RL-TP13	RL-TP13
MO393	RL-I13						RL-TP13
MO398	RL-I13				RL-I131	RL-TP13	RL-TP13
MO400	RL-I13				RL-I131	RL-TP13	RL-TP13
MO406	RL-I13				RL-I131	RL-TP13	RL-TP13
MO407	RL-I13				RL-I131	RL-TP13	RL-TP13
MO408	RL-I13				RL-I131	RL-TP13	RL-TP13
MO410	RL-I13				RL-I131	RL-TP13	RL-TP13
MO412	RL-I13				RL-I131	RL-TP13	RL-TP13
MO413	RL-I13				RL-I131	RL-TP13	RL-TP13
MO414	RL-I13				RL-I131	RL-TP13	RL-TP13
MO434	RL-I13				RL-I131	RL-TP13	RL-TP13
MO441	RL-I13				RL-I13	RL-TP13	
MO454	RL-I13				RL-I131	RL-TP13	RL-TP13
MO465	RL-I13				RL-I131	RL-TP13	RL-TP13
MO535	RL-I13						RL-TP13
MO542	RL-I13				RL-I13		
MO552	RL-I13				RL-I13		
MO555	RL-I13				RL-I13		
MO556	RL-I13				RL-I131	RL-TP13	RL-TP13
MO559	RL-I13				RL-I13		
MO560	RL-I13						RL-TP13
MO569	RL-I13				RL-I131	RL-TP13	RL-TP13
MO570	RL-I13				RL-I131	RL-TP13	RL-TP13
MO571	RL-I13				RL-I131	RL-TP13	RL-TP13
MO573	RL-I13				RL-I131	RL-TP13	RL-TP13
MO574	RL-I13				RL-I131	RL-TP13	RL-TP13
MO674	RL-I13					RL-TP13	RL-TP13
MO705	RL-I13				RL-I13		
MO717	RL-I13				RL-I131	RL-TP13	RL-TP13
MO718	RL-I13				RL-I131	RL-TP13	RL-TP13
MO722	RL-I13				RL-I131	RL-TP13	RL-TP13
MO816	RL-I13				RL-I131	RL-TP13	RL-TP13
MO831	RL-I13				RL-I131	RL-TP13	RL-TP13
MO832	RL-I13				RL-I131	RL-TP13	RL-TP13
MO833	RL-I13				RL-I131	RL-TP13	RL-TP13
MO835	RL-I13						RL-TP13
MO837	RL-I13				RL-I131	RL-TP13	RL-TP13
MO838	RL-I13				RL-I13		
MO840	RL-I13				RL-I131	RL-TP13	RL-TP13
MO841	RL-I13				RL-I131	RL-TP13	RL-TP13
MO844	RL-I13				RL-I131	RL-TP13	RL-TP13
MO845	RL-I13				RL-I13	RL-TP13	
MO847	RL-I13				RL-I131	RL-TP13	RL-TP13
MO848	RL-I13				RL-I131	RL-TP13	RL-TP13
MO849	RL-I13				RL-I131	RL-TP13	RL-TP13
MO852	RL-I13				RL-I13	RL-TP13	
MO853	RL-I13				RL-I131		RL-TP13
MO858	RL-I13				RL-I131	RL-TP13	RL-TP13
MO862	RL-I13				RL-I131	RL-TP13	RL-TP13
MO863	RL-I13					RL-TP13	RL-TP13
MO890	RL-I13				RL-I131	RL-TP13	RL-TP13
MO904	RL-I13				RL-I131	RL-TP13	RL-TP13
MO906	RL-I13				RL-I131	RL-TP13	RL-TP13
MO909	RL-I13					RL-TP13	RL-TP13
MO919	RL-I13				RL-I131	RL-TP13	RL-TP13
MO924	RL-I13				RL-I131	RL-TP13	RL-TP13
MO927	RL-I13						RL-TP13
MO931	RL-I13				RL-I13	RL-TP13	
MO934	RL-I13						RL-TP13
MO936	RL-I13					RL-TP13	RL-TP13
MO939	RL-I13				RL-I131	RL-TP13	RL-TP13

Table 4-97 General Purpose Facilities Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
MO943	RL-I13				RL-I131	RL-TP13	RL-TP13
MO946	RL-I13				RL-I13	RL-TP13	
MO947	RL-I13					RL-TP13	RL-TP13
MO948	RL-I13				RL-I13	RL-TP13	
MO953	RL-I13				RL-I131	RL-TP13	RL-TP13
MO955	RL-I13						RL-TP13
MO956	RL-I13				RL-I131	RL-TP13	RL-TP13
MO958	RL-I13				RL-I131	RL-TP13	RL-TP13
MO959	RL-I13				RL-I131	RL-TP13	RL-TP13
MO961	RL-I13				RL-I131	RL-TP13	RL-TP13
MO962	RL-I13				RL-I131	RL-TP13	RL-TP13
MO964	RL-I13				RL-I131	RL-TP13	RL-TP13
MO966	RL-I13				RL-I131	RL-TP13	RL-TP13
MO967	RL-I13				RL-I131	RL-TP13	RL-TP13
MO968	RL-I13				RL-I131	RL-TP13	RL-TP13
MO972	RL-I13				RL-I13	RL-TP13	
MO975	RL-I13				RL-I131	RL-TP13	RL-TP13
MO976	RL-I13				RL-I131	RL-TP13	RL-TP13
MO977	RL-I13				RL-I131	RL-TP13	RL-TP13
MO990	RL-I13						RL-TP13
MO994	RL-I13						RL-TP13
MO996	RL-I13				RL-I131	RL-TP13	RL-TP13
MO997	RL-I13					RL-TP13	RL-TP13
328	RL-I13				RL-I131	RL-TP13	RL-TP13
3705	RL-I13				RL-I131	RL-TP13	RL-TP13
3719	RL-I13				RL-I131	RL-TP13	RL-TP13
3763	RL-I13				RL-I131	RL-TP13	RL-TP13
3766	RL-I13				RL-I131	RL-TP13	RL-TP13
3768	RL-I13				RL-I131	RL-TP13	RL-TP13
3769	RL-I13					RL-TP13	RL-TP13
3770	RL-I13				RL-I131	RL-TP13	RL-TP13
3790	RL-I13				RL-I131	RL-TP13	RL-TP13
339A	RL-I13				RL-I131	RL-TP13	RL-TP13
3701C	RL-I13				RL-I131	RL-TP13	RL-TP13
3701	RL-I13				RL-I131	RL-TP13	RL-TP13
3701D	RL-I13					RL-TP13	RL-TP13
3701U	RL-I13						RL-TP13
3703A	RL-I13				RL-I131	RL-TP13	RL-TP13
3707H	RL-I13				RL-I131	RL-TP13	RL-TP13
3719A	RL-I13						RL-TP13
3746D	RL-I13				RL-I131	RL-TP13	RL-TP13
MO026	RL-I13				RL-I131	RL-TP13	RL-TP13
MO264	RL-I13				RL-I131	RL-TP13	RL-TP13
MO337	RL-I13				RL-I131	RL-TP13	RL-TP13
MO557	RL-I13				RL-I131	RL-TP13	RL-TP13
MO558	RL-I13				RL-I131	RL-TP13	RL-TP13
MO830	RL-I13				RL-I131	RL-TP13	RL-TP13
MO842	RL-I13				RL-I131	RL-TP13	RL-TP13
4702	RL-I13				RL-I131	RL-TP13	RL-TP13
4706	RL-I13				RL-I131	RL-TP13	RL-TP13
4707	RL-I13				RL-I131	RL-TP13	RL-TP13
4719	RL-I13					RL-TP13	RL-TP13
4790	RL-I13				RL-I131	RL-TP13	RL-TP13
4701B	RL-I13					RL-TP13	RL-TP13
MO353	RL-I13						RL-TP13
MO378	RL-I13						RL-TP13
MO379	RL-I13						RL-TP13
MO908	RL-I13						RL-TP13
662	RL-I13				RL-I131	RL-TP13	RL-TP13
6701	RL-I13				RL-I131	RL-TP13	RL-TP13
604F	RL-I13						RL-TP13
661A	RL-I13				RL-I131	RL-TP13	RL-TP13
662A	RL-I13				RL-I131	RL-TP13	RL-TP13
6701A	RL-I13				RL-I131	RL-TP13	RL-TP13
6701B	RL-I13				RL-I131	RL-TP13	RL-TP13
MO001	RL-I13				RL-I131	RL-TP13	RL-TP13

Table 4-97 General Purpose Facilities Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
MO002	RL-I13				RL-I131	RL-TP13	RL-TP13
MO222	RL-I13				RL-I131	RL-TP13	RL-TP13
MO302	RL-I13				RL-I131	RL-TP13	RL-TP13
MO368	RL-I13				RL-I131	RL-TP13	RL-TP13
MO917	RL-I13				RL-I131	RL-TP13	RL-TP13
712B	RL-I13				RL-I131	RL-TP13	RL-TP13
747B	RL-I13				RL-I131	RL-TP13	RL-TP13
747	RL-I13					RL-TP13	RL-TP13
FED (825 Jadwin)	RL-I13				RL-I132		
703	RL-I13				RL-I13	RL-TP13	RL-TP13
712	RL-I13				RL-I131	RL-TP13	RL-TP13
1170	RL-I13				RL-I13	RL-TP13	
1167A	RL-I13				RL-I13	RL-TP13	
MO370	RL-I13				RL-I131	RL-TP13	RL-TP13
MO404	RL-I13				RL-I13	RL-TP13	
MO916	RL-I13				RL-I13	RL-TP13	
MO938	RL-I13				RL-I13	RL-TP13	
MO940	RL-I13				RL-I13	RL-TP13	
MO396	RL-I13				RL-I131	RL-TP13	RL-TP13
MO851	RL-I13				RL-I131	RL-TP13	RL-TP13
1804TD	RL-I13				RL-I132		
1806TD	RL-I13				RL-I132		
1808TD	RL-I13				RL-I132		
1810TD	RL-I13				RL-I132		
1812TD	RL-I13				RL-I132		
1814TD	RL-I13				RL-I132		
1816TD	RL-I13				RL-I132		
1820TD	RL-I13				RL-I132		
1981SNYDER	RL-I13				RL-I132		
2420STVCN	RL-I13				RL-I132		
2425STVCN	RL-I13				RL-I132		
2430STVCN	RL-I13				RL-I132		
2440STVCN	RL-I13				RL-I132		
3707D	RL-I13					RL-TP13	RL-TP13
MO103	RL-I13					RL-TP13	RL-TP13
MO105	RL-I13					RL-TP13	RL-TP13
MO543	RL-I13				RL-I131	RL-TP13	RL-TP13
748	RL-I13				RL-I13	RL-TP13	RL-TP13
3226	RL-I13				RL-I131	RL-TP13	RL-TP13
3227	RL-I13				RL-I131	RL-TP13	RL-TP13
3228	RL-I13				RL-I131	RL-TP13	RL-TP13
MO006	RL-I13				RL-I13		
MO709	RL-I13				RL-I13		
General Purpose Warehouses	RL-I149 RL-TP13				RL-I149 RL-TP13	RL-TP13	RL-TP13
1620HILSBRO	RL-I149				RL-I132		

* RL PBS Identifier Index:

RL-ER05 - Surveillance & Maintenance
RL-ER06 - Decontamination & Decommissioning
RL-ER07 - Long Term Surveillance & Maintenance
RL-I13 - General Purpose Facilities
RL-I131 - Government Owned Offices
RL-I132 - Commercial Leases - OP
RL-I149 - Asset Management
RL-TP05 - PFP
RL-TP13 - Landlord

4.6.3.e Performance Measures

4.6.3.1 Government Owned Offices

4.6.3.1.1 Project Description Summary

Real Estate supports the Hanford Site mission by providing building management, space planning and support services to approximately 1,800 employees located in approximately 75 Government owned facilities within the occupancy pool. These facilities are located across the Site and comprise over 670,000 square feet of office and support areas. Real Estate is responsible to coordinate with PHMC and Affiliate Subcontractors to provide cost-effective, safe and secure office space to meet their operating requirements. This includes providing safe, reliable, cost effective Maintenance, Custodial, Small Project support to facilities within the Occupancy Pool. Support services include ensuring implementation of the Integrated Environmental, Safety and Health Management System (ISMS) and Quality Assurance and Improvement Plans (QAPP/QIP).

Real Estate supports Construction Forces mission by providing building management, space planning and support services to approximately 110 government owned construction support facilities. These facilities are located across the site and comprise approximately 130,000 square feet of construction support space. Real Estate is responsible to coordinate with PHMC and affiliate subcontractors to provide cost-effective, safe and secure construction support space to meet their operating requirements. Support services for Construction Forces facilities also includes ensuring implementation of the Integrated Environmental, Safety and Health Management System (ISMS) and Quality Assurance and Improvement Plans (QAPP/QIP).

4.6.3.1.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.3.1.3 Facility Life-Cycle Requirements

- Requirements

  - Offices facilities shall be operated and maintained and space in these facilities shall be provided in a safe, secure, environmentally sound, and cost-effective manner. This requirement includes the provision of janitorial services.
  - Government-Owned Facilities The Contractor shall be responsible for the maintenance, operations, surveillance, and disposition of Government-owned general purpose facilities (approximately 420 facilities comprising 1.7 to 2.2 million square feet). It is expected that 139 of these facilities will be vacant by the end of FY 1996.

- Planning Assumptions

- The Hanford Site Infrastructure shall be optimized.
  Develop cost-competitive infrastructure commensurate with mission needs.
  Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.3.1.4 Project Safety Authorization Basis/NEPA and Permits

4.6.3.1.5 Tri-Party Agreement Requirements

- None

4.6.3.1.6 Interfaces

TABLE 4-98 Government Owned Offices Interfaces

Project Title	Project Number	Interface
Tank Farm Operations	RL-TW03	Receives Office Space (Infrastructure Owned) for TWRS-200E Receives Office Space (Infrastructure Owned) for TWRS-200W Receives Office Space (Leased) for TWRS-2704HV Receives Office Space (Program Owned) for TWRS-200E Receives Office Space (Program Owned) for TWRS-200W Receives Office Space (Program Owned) for TWRS-2704HV Receives Office Space (Program Owned) for TWRS-MGMT
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Office Space (Program Owned) for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Office Space (Program Owned) for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Office Space (Infrastructure Owned) for 200-TP Receives Office Space (Program Owned) for 200-WRAP
Liquid Effluents	RL-WM05	Receives Office Space (Infrastructure Owned) for 242-A Evap Receives Office Space (Program Owned) for 200A-LEF Receives Office Space (Program Owned) for 242-A Evap Receives Office Space (Program Owned) for 300A-340 Receives Office Space (Program Owned) for 300A-LEF
Analytical Services	RL-WM06	Receives Office Space (Program Owned) for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Office Space (Infrastructure Owned) for SNF Receives Office Space (Leased) for SNF
WESF	RL-TP02	Receives Office Space (Infrastructure Owned) for WESF Receives Office Space (Program Owned) for WESF
PUREX	RL-TP03	Receives Office Space (Infrastructure Owned) for PUREX
PFP	RL-TP05	Receives Office Space (Infrastructure Owned) for PFP
Accelerated Deactivation	RL-TP10	Receives Office Space (Program Owned) for 200-WRAP
Long Term Surveillance & Maintenance	RL-ER07	Receives Office Space (Infrastructure Owned) for PFP

4.6.3.1.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.3.2 Commercial Leases - OP

4.6.3.2.1 Project Description Summary

Real Estate supports the Hanford Site mission by providing building management, space planning and support services to approximately 1,300 employees located in 6 leased facilities within the occupancy pool, including PHMC occupied portions of the Federal Building. These facilities are located in the City of Richland and comprise over 575,000 square feet of office and support space. Real Estate is responsible to coordinate with PHMC and Affiliate Subcontractors to provide cost-effective, safe and secure office space to meet their operating requirements. Support services include ensuring implementation of the Integrated Environmental, Safety and Health Management System (ISMS) and Quality Assurance and Improvement Plans (QAPP/QIP).

4.6.3.2.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.3.2.3 Facility Life-Cycle Requirements

- Requirements
    - None
- Planning Assumptions
    - None

4.6.3.2.4 Project Safety Authorization Basis/NEPA and Permits

4.6.3.2.5 Tri-Party Agreement Requirements

- None

4.6.3.2.6 Interfaces

4.6.3.2.7 Requirements References

- None

4.6.4 Infrastructure Services

4.6.4.a Project Structure

- Fabrication Services (RL-I141)
- Crane & Rigging (RL-I142)
- Maintenance Services (RL-I143)
- Custodial Services (RL-I144)
- Calibration Labs (RL-I145)
- NDE Labs (RL-I146)
- Engineering Labs (RL-I147)
- Information Resource Management (RL-I148)
- Asset Management (RL-I149)

4.6.4.b Hanford Strategic Plan Goals

The Waste, Material, and Geographic Area Goals contained in the Hanford Strategic Plan (DOE/RL-96-92), represent planning assumptions around which the Hanford Environmental Management effort is structured. Each Mission Area and Project partially support each of these goals, per scope of work described in the Prime Contracts. As an aggregate, all Mission Areas and Projects will fulfill the requirements of the Hanford Strategic Plan. As such, the Goals identified in this section cover only the goals directly supported by that specific Mission Area. Further details are contained in the Project planning documents. As records-of-decision are issued, these Goals will be amended in future revisions of the Hanford Strategic Plan.

- None

4.6.4.c Technical Logic

4.6.4.d Facility Life-Cycle Responsibility Assignments

Table 4-99 Infrastructure Services Facility Life-Cycle Responsibility Assignments

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
Misc Radiological Facilities	RL-ST01 RL-TP14				RL-ST01	RL-ER05 RL-TP14	RL-ER06 RL-ER07
306E	RL-OT01				Cogema	RL-TP14	RL-TP13
Telecommunications System	RL-I148 RL-TP13				RL-I148 RL-TP13	RL-TP13	RL-TP13
630	RL-I148				RL-I148	RL-TP13	RL-TP13
1112NA	RL-I148				RL-I148	RL-TP13	RL-TP13
506B	RL-I148				RL-I148	RL-TP13	RL-TP13
506BA	RL-I148				RL-I148	RL-TP13	RL-TP13
2506E1	RL-I148				RL-I148	RL-TP13	RL-TP13
2506E2	RL-I148				RL-I148	RL-TP13	RL-TP13
2506W3	RL-I148				RL-I148	RL-TP13	RL-TP13
2506E3	RL-I148				RL-I148	RL-TP13	RL-TP13
2506W1	RL-I148				RL-I148	RL-TP13	RL-TP13

Table 4-99 Infrastructure Services Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
2506W2	RL-I148				RL-I148	RL-TP13	RL-TP13
MO290	RL-I148				RL-I148	RL-TP13	RL-TP13
676	RL-I148				RL-I148	RL-TP13	RL-TP13
623B	RL-I148				RL-I148	RL-TP13	RL-TP13
3506C	RL-I148				RL-I148	RL-TP13	RL-TP13
3507	RL-I148				RL-I148	RL-TP13	RL-TP13
3220	RL-I148				RL-I148	RL-TP13	RL-TP13
4790A	RL-I148				RL-I148	RL-TP13	RL-TP13
6221NA	RL-I148				RL-I148	RL-TP13	RL-TP13
6223A	RL-I148				RL-I148	RL-TP13	RL-TP13
6224A	RL-I148				RL-I148	RL-TP13	RL-TP13
623A	RL-I148				RL-I148	RL-TP13	RL-TP13
623	RL-I148				RL-I148	RL-TP13	RL-TP13
General Purpose Shops	RL-I14 RL-TP13				RL-I14 RL-TP13	RL-TP13	RL-TP13
6290	RL-I14				RL-I14	RL-TP13	RL-TP13
221A	RL-I14				RL-I14	RL-TP13	RL-TP13
2242B	RL-I14				RL-I14	RL-TP13	RL-TP13
2244B	RL-I14				RL-I14	RL-TP13	RL-TP13
2300W	RL-I14				RL-I14	RL-TP13	RL-TP13
2301W	RL-I14				RL-I14	RL-TP13	RL-TP13
2311W	RL-I14				RL-I14	RL-TP13	RL-TP13
2317W	RL-I14				RL-I14	RL-TP13	RL-TP13
2247B	RL-I14				RL-I14	RL-TP13	RL-TP13
2318W	RL-I14				RL-I14	RL-TP13	RL-TP13
2309W	RL-I14				RL-I14	RL-TP13	RL-TP13
2308W	RL-I14				RL-I14	RL-TP13	RL-TP13
2304W	RL-I14				RL-I14	RL-TP13	RL-TP13
242AC	RL-I14				RL-I14	RL-TP13	RL-TP13
2711EA	RL-I14				RL-I14	RL-TP13	RL-TP13
2711EB	RL-I14				RL-I14	RL-TP13	RL-TP13
2715EC	RL-I14					RL-TP13	RL-TP13
272E	RL-I14						RL-TP13
274E	RL-I14				RL-I14	RL-TP13	RL-TP13
275E	RL-I14				RL-I14	RL-TP13	RL-TP13
277A	RL-I14				RL-I14	RL-TP13	RL-TP13
MO048	RL-I14				RL-I14	RL-TP13	RL-TP13
272W	RL-I14				RL-I14	RL-TP13	RL-TP13
275W	RL-I14				RL-I14	RL-TP13	RL-TP13
277W	RL-I14				RL-I14	RL-TP13	RL-TP13
2728W	RL-I14				RL-I14	RL-TP13	RL-TP13
2722W	RL-I14						RL-TP13
2238E	RL-I14					RL-TP13	RL-TP13
2239E	RL-I14					RL-TP13	RL-TP13
2240E	RL-I14					RL-TP13	RL-TP13
2262W	RL-I14					RL-TP13	RL-TP13
2237E	RL-I149				RL-I149	RL-TP13	RL-TP13
3709	RL-I14				RL-I14	RL-TP13	RL-TP13
3713	RL-I14				RL-I14	RL-TP13	RL-TP13
3721	RL-I14				RL-I14	RL-TP13	RL-TP13
3722	RL-I14					RL-TP13	RL-TP13
305A	RL-I14				RL-I14	RL-TP13	RL-TP13
305P	RL-I14				RL-I14	RL-TP13	RL-TP13
305	RL-I14				RL-I14	RL-TP13	RL-TP13
328A	RL-I14				RL-I14	RL-TP13	RL-TP13
327E	RL-I14				RL-I14	RL-TP13	RL-TP13
3506A	RL-I14				RL-I14	RL-TP13	RL-TP13
3506B	RL-I14				RL-I14	RL-TP13	RL-TP13
3718N	RL-I14				RL-I14	RL-TP13	RL-TP13
4760	RL-I14				RL-I14	RL-TP13	RL-TP13
4704N	RL-I14				RL-I14	RL-TP13	RL-TP13
4722B	RL-I14				RL-I14	RL-TP13	RL-TP13
4722C	RL-I14				RL-I14	RL-TP13	RL-TP13
4734B	RL-I14				RL-I14	RL-TP13	RL-TP13
1171	RL-I14				RL-I14	RL-TP13	
1171A	RL-I14				RL-I14	RL-TP13	

Table 4-99 Infrastructure Services Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
1171B	RL-I14				RL-I14	RL-TP13	
3221	RL-I14				RL-I14	RL-TP13	RL-TP13
3231	RL-I14				RL-I14	RL-TP13	RL-TP13
General Purpose Warehouses	RL-I149 RL-TP13				RL-I149 RL-TP13	RL-TP13	RL-TP13
2101HV	RL-I149				RL-I149	RL-TP13	RL-TP13
213K	RL-I149				RL-I149	RL-TP13	RL-TP13
604G	RL-I149						RL-TP13
604H	RL-I149				RL-I149	RL-TP13	RL-TP13
MO315	RL-I149				RL-I149	RL-TP13	RL-TP13
MO376	RL-I149				RL-I149	RL-TP13	RL-TP13
MO944	RL-I149				RL-I149	RL-TP13	RL-TP13
2101M	RL-I149				RL-I149	RL-TP13	RL-TP13
2241B	RL-I149				RL-I149	RL-TP13	RL-TP13
2249B	RL-I149				RL-I149	RL-TP13	RL-TP13
2314W	RL-I149				RL-I149	RL-TP13	RL-TP13
2310W	RL-I149				RL-I149	RL-TP13	RL-TP13
2711E	RL-I149				RL-I149	RL-TP13	RL-TP13
2312W	RL-I149				RL-I149	RL-TP13	RL-TP13
2307W	RL-I149				RL-I149	RL-TP13	RL-TP13
2313W	RL-I149				RL-I149	RL-TP13	RL-TP13
2306W	RL-I149				RL-I149	RL-TP13	RL-TP13
2315W	RL-I149				RL-I149	RL-TP13	RL-TP13
2316W	RL-I149				RL-I149	RL-TP13	RL-TP13
2715E	RL-I149						RL-TP13
2715ED	RL-I149				RL-I149	RL-TP13	RL-TP13
2715WA	RL-I149				RL-I149	RL-TP13	RL-TP13
2715M	RL-I149						RL-TP13
2716E	RL-I149				RL-I149	RL-TP13	RL-TP13
2719E	RL-I149						RL-TP13
272BC	RL-I149				RL-I149	RL-TP13	RL-TP13
2734EA	RL-I149				RL-I149		RL-TP13
273E	RL-I149				RL-I149	RL-TP13	RL-TP13
275EA	RL-I149						RL-TP13
MO965	RL-I149				RL-I149	RL-TP13	RL-TP13
MO974	RL-I149				RL-I149	RL-TP13	RL-TP13
2724WB	RL-I149				RL-I149	RL-TP13	RL-TP13
283WE	RL-I149				RL-I149	RL-TP13	RL-TP13
273W	RL-I149				RL-I149	RL-TP13	RL-TP13
MO716	RL-I149				RL-I149	RL-TP13	RL-TP13
MO973	RL-I149				RL-I149	RL-TP13	RL-TP13
X8	RL-I149				RL-I149	RL-TP13	RL-TP13
212P	RL-I149				RL-I149	RL-TP10	RL-TP10
212N	RL-I149				RL-I149		RL-TP13
212R	RL-I149				RL-I149		RL-TP13
607	RL-I149						RL-TP13
2251E	RL-I149				RL-I149	RL-TP13	RL-TP13
2252E	RL-I149				RL-I149	RL-TP13	RL-TP13
2253E	RL-I149				RL-I149	RL-TP13	RL-TP13
2254E	RL-I149				RL-I149	RL-TP13	RL-TP13
2255E	RL-I149				RL-I149	RL-TP13	RL-TP13
2256E	RL-I149				RL-I149	RL-TP13	RL-TP13
2257E	RL-I149				RL-I149	RL-TP13	RL-TP13
2233E	RL-I149				RL-I149	RL-TP13	RL-TP13
2234E	RL-I149				RL-I149	RL-TP13	RL-TP13
2231E	RL-I149				RL-I149	RL-TP13	RL-TP13
2232E	RL-I149				RL-I149	RL-TP13	RL-TP13
2263W	RL-I149				RL-I149	RL-TP13	RL-TP13
2264W	RL-I149				RL-I149	RL-TP13	RL-TP13
2265W	RL-I149				RL-I149	RL-TP13	RL-TP13
2230E	RL-I149				RL-I149	RL-TP13	RL-TP13
2235E	RL-I149				RL-I149	RL-TP13	RL-TP13
2236E	RL-I149				RL-I149	RL-TP13	RL-TP13
2258E	RL-I149				RL-I149	RL-TP13	RL-TP13
MO502					RL-I14	RL-TP13	RL-TP13
MO503					RL-I14	RL-TP13	RL-TP13

Table 4-99 Infrastructure Services Facility Life-Cycle Responsibility Assignments (Continued)

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
MO504					RL-I14	RL-TP13	RL-TP13
3704	RL-I149				RL-I149	RL-TP13	RL-TP13
3711	RL-I149				RL-I149	RL-TP13	RL-TP13
3715	RL-I149				RL-I149	RL-TP13	RL-TP13
3717	RL-I149				RL-I149	RL-TP13	RL-TP13
3727	RL-I149				RL-I149	RL-TP13	RL-TP13
3718C	RL-I149				RL-I149	RL-TP13	RL-TP13
4734D	RL-I149					RL-TP13	RL-TP13
MO536	RL-I149				RL-I149	RL-TP13	RL-TP13
1161	RL-I149				RL-I149	RL-TP13	
1162	RL-I149				RL-I149	RL-TP13	
1164	RL-I149				RL-I149	RL-TP13	
1167	RL-I149				RL-I149	RL-TP13	
1168	RL-I149				RL-I149	RL-TP13	
1169	RL-I149				RL-I149	RL-TP13	
1173	RL-I149				RL-I149	RL-TP13	
1175	RL-I149				RL-I149	RL-TP13	
1176	RL-I149				RL-I149	RL-TP13	
1177	RL-I149				RL-I149	RL-TP13	
1179	RL-I149				RL-I149	RL-TP13	
11201	RL-I149				RL-I149	RL-TP13	RL-TP13
1171C	RL-I149				RL-I149	RL-TP13	
1163	RL-I149				RL-I149	RL-TP13	
X4	RL-I149				RL-I149	RL-TP13	
1620HILSBRO	RL-I149				RL-I132		
1174	RL-I149				RL-I149	RL-TP13	
1172A	RL-I149				RL-I149	RL-TP13	
X1	RL-I149				RL-I149	RL-TP13	
3222	RL-I149				RL-I149	RL-TP13	RL-TP13
3223	RL-I149				RL-I149	RL-TP13	RL-TP13
3224	RL-I149				RL-I149	RL-TP13	RL-TP13
3225	RL-I149				RL-I149	RL-TP13	RL-TP13
3229	RL-I149				RL-I149	RL-TP13	RL-TP13
3232	RL-I149				RL-I149	RL-TP13	RL-TP13
3234	RL-I149				RL-I149	RL-TP13	RL-TP13
3235	RL-I149				RL-I149	RL-TP13	RL-TP13
3707E	RL-I149				RL-I149	RL-TP13	RL-TP13
3707EA	RL-I149						
Environmental Support Facilities	RL-ST01				RL-ST01 RL-TP13	RL-TP13	RL-TP13
3717B					RL-I145	RL-TP13	RL-TP13

* RL PBS Identifier Index:

Cogema - Cogema
RL-ER05 - Surveillance & Maintenance
RL-ER06 - Decontamination & Decommissioning
RL-ER07 - Long Term Surveillance & Maintenance
RL-I132 - Commercial Leases - OP
RL-I14 - Infrastructure Services
RL-I145 - Calibration Labs
RL-I148 - Information Resource Management
RL-I149 - Asset Management
RL-OT01 - Mission Support - Other Multi-Year Program
RL-ST01 - PNNL Waste Management
RL-TP10 - Accelerated Deactivation
RL-TP13 - Landlord
RL-TP14 - Hanford Surplus Facility Prog 300A Revitalization

4.6.4.e Performance Measures

4.6.4.1 Fabrication Shops

4.6.4.1.1 Project Description Summary

Site Fabrication Services provides fabrication, loaned labor, welder qualification, and quality control services to support Hanford site programs, facilities, and transition projects on an as requested basis and as authorized and funded by work assignment documentation.

4.6.4.1.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.1.3 Facility Life-Cycle Requirements

- Requirements
  - None
- Planning Assumptions
  - None

4.6.4.1.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.1.5 Tri-Party Agreement Requirements

- None

4.6.4.1.6 Interfaces

TABLE 4-100 Fabrication Services Interfaces

Project Title	Project Number	Interface
Tank Farm Operations	RL-TW03	Receives Brokered Fabrication Labor Receives Fab Shop Services for TWRS-200E Receives Fab Shop Services for TWRS-200W
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Brokered Fabrication Labor Receives Fab Shop Services for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Fab Shop Services for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Fab Shop Services for 200-TP Receives Fab Shop Services for 200-WRAP

TABLE 4-100 Fabrication Services Interfaces (Continued)

Project Title	Project Number	Interface
Liquid Effluents	RL-WM05	Receives Fab Shop Services for 200A-LEF Receives Fab Shop Services for 300A-LEF Receives Fabrication Services Electrician for 242-A Evap Receives Fabrication Services Pipefitter for 200A-LEF Receives Fabrication Services Pipefitter for 242-A Evap
Spent Nuclear Fuel Project	RL-WM01	Receives Brokered Fabrication Labor Receives Fab Shop Services for SNF
WESF	RL-TP02	Receives Brokered Fabrication Labor Receives Fab Shop Services for WESF
PUREX	RL-TP03	Receives Fab Shop Services for PUREX
PFP	RL-TP05	Receives Brokered Fabrication Labor Receives Fab Shop Services for PFP
Accelerated Deactivation	RL-TP10	Receives Fab Shop Services for 200-WRAP

4.6.4.1.7 Requirements References

- None

4.6.4.2 Crane & Rigging

4.6.4.2.1 Project Description Summary

Crane and Rigging provides hoisting, rigging and scaffold erection to all Hanford site contractors and provides management and labor to maintain a mobile crane pool, boom yard, rigging equipment, and supply of scaffolding.

4.6.4.2.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.2.3 Facility Life-Cycle Requirements

- Requirements
  - Shop facilities shall be operated and maintained and shop services shall be provided in a safe, secure, environmentally sound, and cost-effective manner. Shop services include the provision for fabrication, maintenance (facilities and fleet), crane & rigging services; and provision of courier service, office moves, and light and heavy duty vehicles.
- Planning Assumptions
  - None

4.6.4.2.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.2.5 Tri-Party Agreement Requirements

- None

4.6.4.2.6 Interfaces

TABLE 4-101 Crane & Rigging Interfaces

Project Title	Project Number	Interface
Tank Waste Characterization	RL-TW01	Receives Lifting (Cranes) for Tank Waste Characterization
Tank Farm Operations	RL-TW03	Receives Lifting (Cranes) for TWRS-200E Receives Lifting (Cranes) for TWRS-200W
Solid Waste Storage & Disposal	RL-WM03	Receives Lifting (Cranes) for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Lifting (Cranes) for 200-TP Receives Lifting (Cranes) for 200-WRAP
Liquid Effluents	RL-WM05	Receives Lifting (Cranes) for 200A-LEF Receives Lifting (Cranes) for 242-A Evap Receives Lifting (Cranes) for 300A-LEF
Analytical Services	RL-WM06	Receives Lifting (Cranes) for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Lifting (Cranes) for 200 ISA Receives Lifting (Cranes) for SNF
WESF	RL-TP02	Receives Lifting (Cranes) for WESF
PFP	RL-TP05	Receives Lifting (Cranes) for PFP
Accelerated Deactivation	RL-TP10	Receives Lifting (Cranes) for 200-WRAP
PNNL Waste Management	RL-ST01	Receives Lifting (Cranes) for PNNL Waste Mgmt

4.6.4.2.7 Requirements References

- None

4.6.4.3 Maintenance Services

4.6.4.3.1 Project Description Summary

Maintenance Services provides safe, reliable, cost effective maintenance service to Hanford Site contractors yielding the following benefits; 1) A productive work environment as a result of stable building temperature and air quality, 2) Safe, trouble-free facilities and utilities, 3) Quality customized carpentry, painting and sign painting, 4) Non-asbestos insulation to ensure proper equipment function, and 5) Supply of partial or full FTEs within a single craft or any combinations of the following crafts, within available resources. The available crafts are Glazier, Sheetmetal, Painters, Sign Painters, Insulators, Cement Finisher, Carpenters, Millwrights, Pipefitters, Electricians, Instrument Techs, and HVAC maintenance.

4.6.4.3.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.3.3 Facility Life-Cycle Requirements

- Requirements

  - Ensure there is an adequate and appropriate infrastructure in place to support the site mission and that least-cost alternatives for providing that support are fully explored and presented to DOE for consideration. This includes management of capital-type expenditures. This work will be accomplished by the Contractor or its subcontractors or by administering such DOE-held contracts as are assigned to the Contractor.
  - Provide all essential infrastructure services in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole. The types of services in this area include:
    (a) Maintenance and operations of facilities at Hanford.
    (b) Utilities - Electrical, water, sanitary sewer, process sewer, fire protection, and central steam systems. (See special consideration for the 100, 200, and 300 areas below.)
    (c) Roads, railroads, and other transportation infrastructure.
    (d) Site transportation services, courier service, Government owned/leased vehicles/equipment management and maintenance.
    (e) Janitorial services, fabrication shops, pesticide and herbicide programs.
    (f) Municipal solid waste disposal service.
    (g) Inventory, warehousing, and material management.
    (h) Investment recovery program for excess/surplus materials.
    (i) Real property management.
    (j) Calibration and engineering laboratories.
    (k) Land use planning and management.
    (l) Demolition of excess general purpose facilities.
    (m) Provision of stores.
    (n) Information Resources Management (IRM) Support
    (o) Computer, Local Area Network, and data network operations.
    (p) End-user computer support.
    (q) Information systems, telecommunications, and multi-media services.

- Planning Assumptions

  - None

4.6.4.3.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.3.5 Tri-Party Agreement Requirements

- None

4.6.4.3.6 Interfaces

TABLE 4-102 Custodial Services Interfaces

Project Title	Project Number	Interface
Tank Farm Operations	RL-TW03	Receives Custodial Services for TWRS-200E Receives Custodial Services for TWRS-200W Receives Custodial Services for TWRS-2704HV Receives Custodial Services for TWRS-MGMT
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Custodial Services for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Custodial Services for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Custodial Services for 200-TP Receives Custodial Services for 200-WRAP
Liquid Effluents	RL-WM05	Receives Custodial Services for 200A-LEF Receives Custodial Services for 300A-340 Receives Custodial Services for 300A-LEF
Analytical Services	RL-WM06	Receives Custodial Services for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Custodial Services for SNF
WESF	RL-TP02	Receives Custodial Services for WESF
PFP	RL-TP05	Receives Custodial Services for PFP
Accelerated Deactivation	RL-TP10	Receives Custodial Services for 200-WRAP

4.6.4.3.7 Requirements References

- None

4.6.4.4 Custodial Services

4.6.4.4.1 Project Description Summary

Custodial Services provides safe, reliable, cost effective custodial service to Hanford Site contractors.

4.6.4.4.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.4.3 Facility Life-Cycle Requirements

- Requirements

- Provide janitorial services, fabrication shops, and pest (including plant and animal) programs.

- Planning Assumptions
  - None

4.6.4.4.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.4.5 Tri-Party Agreement Requirements

- None

4.6.4.4.6 Interfaces

TABLE 4-103 Maintenance Services Interfaces

Project Title	Project Number	Interface
Tank Farm Operations	RL-TW03	Receives Building Maintenance for TWRS-200E Receives Building Maintenance for TWRS-200W Receives Building Maintenance for TWRS-MGMT
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Building Maintenance for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Maintenance Services Carpenter for 200-SWM Receives Maintenance Services Sheetmetal for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Maintenance Services Carpenter for 200-TP Receives Maintenance Services Carpenter for 200-WRAP Receives Maintenance Services Sheetmetal for 200-TP Receives Maintenance Services Sheetmetal for 200-WRAP
Liquid Effluents	RL-WM05	Receives Building Maintenance for 300A-LEF Receives Maintenance Services Electrician for 200A-LEF Receives Maintenance Services Electrician for 242-A Evap Receives Maintenance Services Electrician for 300A-340 Receives Maintenance Services Electrician for 300A-LEF Receives Maintenance Services Pipefitter for 200A-LEF Receives Maintenance Services Pipefitter for 242-A Evap Receives Maintenance Services Pipefitter for 300A-340 Receives Maintenance Services Pipefitter for 300A-LEF
Spent Nuclear Fuel Project	RL-WM01	Receives Building Maintenance for SNF

4.6.4.4.7 Requirements References

- None

4.6.4.5 Calibration Labs

4.6.4.5.1 Project Description Summary

Calibration services are provided for the site.

4.6.4.5.2 Life-Cycle Material and Waste Flow

Table 4-104 Calibration Labs Waste/Material Flow (Out)

Major Facility	Category	Period	Value	Units
Environmental Support Facilities	Industrial Waste Water	2000 - 2030	493000	cubic meters

4.6.4.5.3 Facility Life-Cycle Requirements

- Requirements

  - Environmental support facilities shall be operated and maintained and provided in a safe, secure, environmentally sound, and cost-effective manner. This requirement includes provision of calibrations laboratory services

- HANFORD ANALYTICAL SERVICES.

  The Contractor shall:

  (1) Manage and integrate the Hanford Analytical Services to provide analytical, field support, process development services, and optimize the use of a combination of onsite and offsite analytical laboratories. Support and assist Hanford programs and projects in determining and consolidating requirements for analytical services; provide guidance on analytical capabilities and limitations; facilitate the use of Data Quality Objectives; ensure user data quality requirements are met; and provide guidance in interpretation and evaluation of analytical results.

  (2) Consolidate sample management and evaluate forecasted sitewide analytical requirements to assure laboratory core competencies, capabilities, and capacities are maintained and available to meet program needs. The management and evaluation function shall be independent of the administration of the onsite laboratories and of the administration of contracts with offsite laboratories. Oversee analytical laboratory operations to assure safe and effective use of resources, conformance to conduct of operations requirements, and sound environmental practices.

  (3) Conduct a self-assessment program using performance measurements and customer feedback to measure the quality, timeliness, and cost effectiveness of analytical services support, and to provide the basis for continued improvements in services.

  (4) Provide site-wide integration in the development and adoption of Data Quality Objectives (DQO) methodology to determine sampling and analytical requirements for characterization of wastes, facility processing data, and environmental monitoring. Obtain regulator approval of DQO methodology where necessary to demonstrate compliance with legal requirements to provide physical and chemical properties necessary for project execution.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.4.5.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.5.5 Tri-Party Agreement Requirements

- None

4.6.4.5.6 Interfaces

In addition to the projects listed, calibration services are provided to numerous other organizations requiring calibration of Measuring and Test Equipment (M&TE). A partial list of these organizations includes the FFTF, 400 area; Site Services; Fire Dept; Industrial Hygiene; K Basins; Salt Wells; SY-101 Project; Process Waste Support; TWRS Management Support; Non-Destructive Examination; FDH AVS; RL and many others.

TABLE 4-105 Calibration Labs Interfaces

Project Title	Project Number	Interface
Tank Waste Characterization	RL-TW01	Receives Non-rad Standards (Calibrations) for Tank Waste Characterization
Tank Farm Operations	RL-TW03	Receives Non-rad Standards (Calibrations) for Tank Farm Ops
Retrieval	RL-TW04	Receives Non-rad Standards (Calibrations) for Retrieval
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Non-rad Standards (Calibrations) for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Non-rad Standards (Calibrations) for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Non-rad Standards (Calibrations) for 200-WRAP
Liquid Effluents	RL-WM05	Receives 337 Industrial Waste Water Receives Non-rad Standards (Calibrations) for 200A-LEF Receives Non-rad Standards (Calibrations) for 300A-LEF
Analytical Services	RL-WM06	Receives Non-rad Standards (Calibrations) for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Non-rad Standards (Calibrations) for SNF
Canister Storage Building Operations	RL-WM02	Receives Non-rad Standards (Calibrations) for CSB
WESF	RL-TP02	Receives Non-rad Standards (Calibrations) for WESF
PUREX	RL-TP03	Receives Non-rad Standards (Calibrations) for PUREX
PFP	RL-TP05	Receives Non-rad Standards (Calibrations) for PFP
Accelerated Deactivation	RL-TP10	Receives Non-rad Standards (Calibrations) for 200-WRAP
100 Area Source Remedial Action	RL-ER01	Receives Non-rad Standards (Calibrations) for 100 Area Source Remedial Action

4.6.4.5.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.4.6 NDE Labs

4.6.4.6.1 Project Description Summary

Non-Destructive Examination (NDE) is provided.

4.6.4.6.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.6.3 Facility Life-Cycle Requirements

- Requirements

  - Environmental support facilities shall be operated and maintained and provided in a safe, secure, environmentally sound, and cost-effective manner. This requirement includes provision of calibrations laboratory services
  - HANFORD ANALYTICAL SERVICES.

    The Contractor shall:

    (1) Manage and integrate the Hanford Analytical Services to provide analytical, field support, process development services, and optimize the use of a combination of onsite and offsite analytical laboratories. Support and assist Hanford programs and projects in determining and consolidating requirements for analytical services; provide guidance on analytical capabilities and limitations; facilitate the use of Data Quality Objectives; ensure user data quality requirements are met; and provide guidance in interpretation and evaluation of analytical results.

    (2) Consolidate sample management and evaluate forecasted sitewide analytical requirements to assure laboratory core competencies, capabilities, and capacities are maintained and available to meet program needs. The management and evaluation function shall be independent of the administration of the onsite laboratories and of the administration of contracts with offsite laboratories. Oversee analytical laboratory operations to assure safe and effective use of resources, conformance to conduct of operations requirements, and sound environmental practices.

    (3) Conduct a self-assessment program using performance measurements and customer feedback to measure the quality, timeliness, and cost effectiveness of analytical services support, and to provide the basis for continued improvements in services.

    (4) Provide site-wide integration in the development and adoption of Data Quality Objectives (DQO) methodology to determine sampling and analytical requirements for characterization of wastes, facility processing data, and environmental monitoring. Obtain regulator approval of DQO methodology where necessary to demonstrate compliance with legal requirements to provide physical and chemical properties necessary for project execution.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.4.6.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.6.5 Tri-Party Agreement Requirements

- None

4.6.4.6.6 Interfaces

4.6.4.6.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.4.7 Engineering Labs

4.6.4.7.1 Project Description Summary

Engineering Laboratory functions are provided through a contract with COGEMA.

4.6.4.7.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.7.3 Facility Life-Cycle Requirements

- Requirements

  - Environmental support facilities shall be operated and maintained and provided in a safe, secure, environmentally sound, and cost-effective manner. This requirement includes provision of calibrations laboratory services

- HANFORD ANALYTICAL SERVICES.

  The Contractor shall:

  (1) Manage and integrate the Hanford Analytical Services to provide analytical, field support, process development services, and optimize the use of a combination of onsite and offsite analytical laboratories. Support and assist Hanford programs and projects in determining and consolidating requirements for analytical services; provide guidance on analytical capabilities and limitations; facilitate the use of Data Quality Objectives; ensure user data quality requirements are met; and provide guidance in interpretation and evaluation of analytical results.

  (2) Consolidate sample management and evaluate forecasted sitewide analytical requirements to assure laboratory core competencies, capabilities, and capacities are maintained and available to meet program needs. The management and evaluation function shall be independent of the administration of the onsite laboratories and of the administration of contracts with offsite laboratories. Oversee analytical laboratory operations to assure safe and effective use of resources, conformance to conduct of operations requirements, and sound environmental practices.

  (3) Conduct a self-assessment program using performance measurements and customer feedback to measure the quality, timeliness, and cost effectiveness of analytical services support, and to provide the basis for continued improvements in services.

  (4) Provide site-wide integration in the development and adoption of Data Quality Objectives (DQO) methodology to determine sampling and analytical requirements for characterization of wastes, facility processing data, and environmental monitoring. Obtain regulator approval of DQO methodology where necessary to demonstrate compliance with legal requirements to provide physical and chemical properties necessary for project execution.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.4.7.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.7.5 Tri-Party Agreement Requirements

- None

4.6.4.7.6 Interfaces

4.6.4.7.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.4.8 Information Resource Management

4.6.4.8.1 Project Description Summary

The IRM mission is to create an information environment that cost-competitively delivers the right data and information of known quality in a usable form to the people who need it, where they need it, and when they need it. IRM infrastructure at the Hanford Site consists of the computing and software applications environment, telecommunications and network, document control and records management, and media services. IRM is provided under contract with Lockheed Martin Services, Inc.

4.6.4.8.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.8.3 Life-Cycle Requirements and Planning Assumptions

- Requirements

  - Telecommunications facilities shall be operated and maintained and telecommunications services shall be provided in a safe, secure, environmentally sound, and cost-effective manner, optimizing site infrastructure as a whole. Telecommunications services shall include: information resources management (IRM) support, computer, local area network, and data network operations, end-user computer support, information systems, telecommunications, and multi-media services.

· INFORMATION AND COMMUNICATION

(1) Information Resources Management (IRM) Support. The current site system consists of a centralized TCP/IP computer network and telephone service (AT&T #5ESS). The Contractor is to maintain the central computer and telecommunication infrastructure as a minimum communication capability.

(2) The Contractor shall provide a sitewide computer network and basic central telecommunication services to the site, but should challenge the approach, cost effectiveness of, and need for existing services and contracting practices for all IRM services. The FY 1996 workscope of the existing IRM subcontract is described in document WHC-SP-1103, Information Management Fiscal Year 1996 Site Support Program Plan WBS 6.4 and is available in the DOE Public Reading Room.

(3) The contractor shall provide IRM services to the Hanford Site in accordance with applicable DOE Orders and the Office of Management and Budget (OMB) A-130 Circular, Management of Federal Information Resources. The workscope includes IRM planning, development, and operations that support the Hanford Mission.

(4) Information Management - The contractor shall maintain management and technical frameworks (an Information Architecture) for information requirements and resources that document linkages between mission needs, information content, and information technology capabilities. These frameworks should guide both strategic and operational IRM planning, and address the steps necessary to create an open systems environment.
The contractor shall:

(a) Acquire or develop information systems in a manner that facilitates necessary interoperability, application portability, and scalability of computerized applications across networks of heterogeneous hardware, software, and communications platforms. The Contractor shall buy and use commercial-off-the-shelf (COTS) software whenever possible.

(b) Ensure that improvements to existing information systems and the development of planned information systems do not unnecessarily duplicate information systems available within the site, from other DOE sites, or from the private sector.

(c) Establish a level of security for all information systems that is commensurate with the risk and magnitude of the harm resulting from the loss, misuse, or unauthorized access to or modification of the information contained in these information systems.

- IRM Planning.

  The contractor shall establish management processes that ensure:

  (a) IRM planning is coordinated with the Hanford Site planning processes including strategic, program, infrastructure, and financial plans.

  (b) IRM planning links information technology requirements to anticipated program and mission needs, reflects budget constraints, and forms the basis for budget requests.

  (c) The cost of each information system is known and managed throughout the life cycle of the information system.

- Data Management

  The contractor shall define data interface and system/network interoperability standards for all sitewide information systems and be responsible for the definition, creation, management, and dissemination of necessary shared Hanford Site data to ensure data consistency across information systems. These data sets are to include that data which is both Hanford Site data and necessary shared data. Examples of these data sets include facility identifiers and names, person identifiers and names, work element identifiers, Waste Type codes and names, constituent codes and names.

- IRM Operations and Support Services - The contractor shall:

  (a) Assume responsibility for existing sitewide and mission critical information systems until, with proper evaluation and planning, it is deemed that replacement or disposition is appropriate. Current network and systems operations include over 650 computer systems, 650 network file servers, and 12,000 work stations, plus the telecommunications infrastructure. The Contractor shall challenge the existing capabilities of these systems/databases as necessary and sufficient to accomplishing the mission at Hanford, and their cost effectiveness. A Hanford Site inventory of information systems is available in the DOE Public Reading Room.

  (b) Provide information systems development, operations, and other support services that are obtained through open competition and meet customer needs. This includes the development and implementation of information systems that support the Hanford Site mission, providing computer customer support ("Help Desk"), operations and maintenance of the telecommunications and computing infrastructure, and providing document, records management, graphics, telephone, and telecon-ferencing, videoconferencing, and mail services.

  (c) Manage and integrate the total IRM support services to provide only those necessary and sufficient IRM services required to support Hanford mission requirements at a competitive cost, consolidating where appropriate, and outsourcing where to the advantage of the Government.

- Records Management.

  The Contractor shall implement a cost-effective records management program that provides adequate and proper documentation of the contractor's activities at the Hanford Site. This includes ensuring that records are readily accessible regardless of form or medium, preserving sufficient data and information to ensure the management and accountability of Hanford activities and protecting the legal and financial rights of the Contractor and the Federal Government.
- Information Locator Service

  The contractor shall maintain and implement a management system for all information products (publications, records, photography, videos, etc.) used on the site, establish and maintain inventories of Hanford Site information products, develop aids to locating Hanford information products, and develop and maintain a sitewide Information Locator Service for use by internal and external customers and stakeholders, in accordance with Section H.22, Information Resources.
- Electronic Commerce

  The Contractor shall implement appropriate technologies and systems to enable the use of electronic commerce for the conduct of site business.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.4.8.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.8.5 Tri-Party Agreement Requirements

- None

4.6.4.8.6 Interfaces

TABLE 4-106 Information Resource Management Interfaces

Project Title	Project Number	Interface
Solid Waste Storage & Disposal	RL-WM03	Receives Data (HLAN) Transmission for 200-SWM Receives Transmitted Information Receives Voice (Telephone) Communication for 200-SWM
Solid Waste Treatment	RL-WM04	Receives Data (HLAN) Transmission for 200-TP Receives Data (HLAN) Transmission for 200-WRAP Receives Transmitted Information Receives Voice (Telephone) Communication for 200-TP Receives Voice (Telephone) Communication for 200-WRAP

TABLE 4-106 Information Resource Management Interfaces (Continued)

Project Title	Project Number	Interface
Liquid Effluents	RL-WM05	Receives Data (HLAN) Transmission for 200A-LEF Receives Data (HLAN) Transmission for 242-A Evap Receives Data (HLAN) Transmission for 300A-340 Receives Data (HLAN) Transmission for 300A-LEF Receives Transmitted Information Receives Voice (Telephone) Communication for 200A-LEF Receives Voice (Telephone) Communication for 242-A Evap Receives Voice (Telephone) Communication for 300A-340 Receives Voice (Telephone) Communication for 300A-LEF
Analytical Services	RL-WM06	Receives Data (HLAN) Transmission for Analytical Services Receives Transmitted Information Receives Voice (Telephone) Communication for Analytical Services
Spent Nuclear Fuel Project	RL-WM01	Receives Telecommunications, HLAN Computers for SNF Receives Telecommunications, Voice Communications for SNF Receives Transmitted Information
WESF	RL-TP02	Receives Telecommunications for WESF Receives Transmitted Information
300 Area/SNM	RL-TP04	Receives Transmitted Information
PFP	RL-TP05	Receives Telecommunications for PFP Receives Transmitted Information
HAMMER	RL-HM01	Receives Data (HLAN) Transmission for HAMMER
Advanced Reactors Transition	RL-TP11	Receives Telecommunications for NESF

4.6.4.8.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.4.9 Asset Management

4.6.4.9.1 Project Description Summary

The Property Management organization is responsible to perform the following. Manage the Department of Energy's property located at the Hanford site via the Richland Property System (RLPS). Perform the day to day operation and maintenance of the Central Stores Complex with their surrounding grounds, and outdoor storage areas. Provide logistics support for the receiving, storage, issuance, distribution, and accountability of government owned property assigned to the PHMC. Provide processes, programs, and administrative controls for the identification, re-utilization, and disposal of assets no longer required in support of the Hanford mission.

4.6.4.9.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.4.9.3 Life-Cycle Requirements and Planning Assumptions

- Requirements

- Warehouse facilities shall be operated and maintained and warehouse services shall be provided in a safe, secure, environmentally sound, and cost-effective manner. Warehouse services shall include: stores, inventory, warehousing, and material management; and investment recovery program for excess/surplus materials.
- The contractor shall manage the following: (1) Inventory, warehousing, and material management for all high-risk, scrap, and other property (over 60,000 items valued at over $300 million). Procure, receive, accept, maintain, and operate stores inventory for the benefit of DOE and site tenants. Aggressively evaluate needs and reduce onsite inventories, warehousing requirements, and associated cost. Seek ways to minimize shipping, receiving, and distribution functions at the site; take full advantage of vendor storage and rapid delivery capabilities; eliminate redundant quality assurance steps involved in receipt of supplies. Propose alternative courses of action to decentralize or streamline receipt of supplies, and obtain a more direct path from the vendors to the end-user; 2) Investment recovery program for excess/surplus materials/property.
- Government-Owned Facilities The Contractor shall be responsible for the maintenance, operations, surveillance, and disposition of Government-owned general purpose facilities (approximately 420 facilities comprising 1.7 to 2.2 million square feet). It is expected that 139 of these facilities will be vacant by the end of FY 1996.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.4.9.4 Project Safety Authorization Basis/NEPA and Permits

4.6.4.9.5 Tri-Party Agreement Requirements

- None

4.6.4.9.6 Interfaces

TABLE 4-107 Asset Management Interfaces

Project Title	Project Number	Interface
National Geologic Repository	EXTERNAL	Receives Storage Space (Program Owned) for Stor&Disp
Offsite Sales	EXTERNAL	Receives Excessed Property
Tank Farm Operations	RL-TW03	Receives Storage Space (Infrastructure Owned) for TWRS-200E Receives Storage Space (Infrastructure Owned) for TWRS-200W
Immobilized Tank Waste Storage & Disposal	RL-TW09	Receives Storage Space (Program Owned) for Stor&Disp
Solid Waste Storage & Disposal	RL-WM03	Receives Allocated Storage for CWC
Solid Waste Treatment	RL-WM04	Receives Allocated Storage for 200-WRAP
Liquid Effluents	RL-WM05	Receives Allocated Storage for 242-A Evap
Analytical Services	RL-WM06	Receives Storage Space (Program Owned) for Analytical Services

TABLE 4-107 Asset Management Interfaces (Continued)

Project Title	Project Number	Interface
Spent Nuclear Fuel Project	RL-WM01	Receives Storage Space (Infrastructure Owned) for SNF Receives Storage Space (Leased) for SNF
WESF	RL-TP02	Receives Storage Space (Program Owned) for WESF

4.6.4.9.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"

4.6.5 Emergency Services

4.6.5.a Project Structure

- Fire Protection Program (RL-I151)

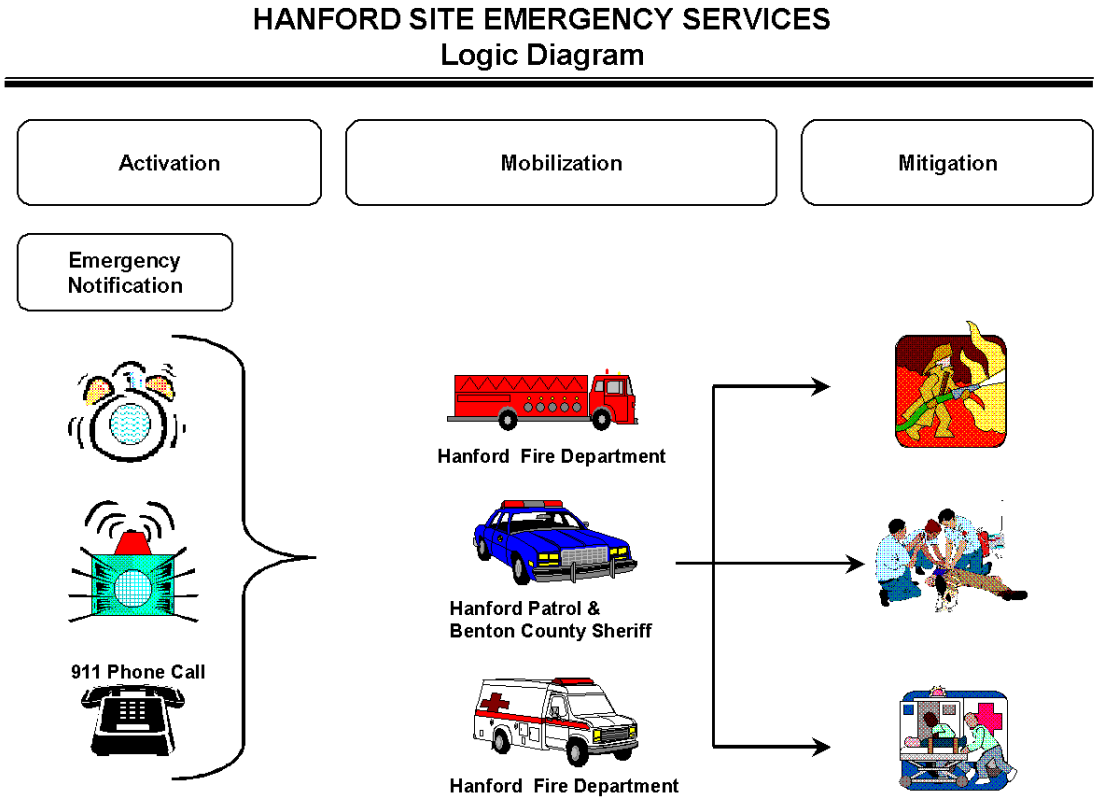
4.6.5.b Hanford Strategic Plan Goals

The Waste, Material, and Geographic Area Goals contained in the Hanford Strategic Plan (DOE/RL-96-92), represent planning assumptions around which the Hanford Environmental Management effort is structured. Each Mission Area and Project partially support each of these goals, per scope of work described in the Prime Contracts. As an aggregate, all Mission Areas and Projects will fulfill the requirements of the Hanford Strategic Plan. As such, the Goals identified in this section cover only the goals directly supported by that specific Mission Area. Further details are contained in the Project planning documents. As records-of-decision are issued, these Goals will be amended in future revisions of the Hanford Strategic Plan.

- None

4.6.5.c Technical Logic

Figure 4-15 Emergency Services Material/Flow Logic



Emergency Services 9-27-99.ppt
Systems Engineering

4.6.5.d Facility Life-Cycle Responsibility Assignments

Table 4-108 Emergency Services Facility Life-Cycle Responsibility Assignments

Asset	Life Cycle Phase						
	Program Planning	Pre-Conceptual	Conceptual	Execute	O&M	Close Out	
						Post Ops	D&D
Emergency Services	RL-I151 RL-TP13				RL-I151 RL-TP13	RL-TP13	RL-TP13
609	RL-I151				RL-I151	RL-TP13	RL-TP13
613	RL-I151				RL-I151	RL-TP13	RL-TP13
609A	RL-I151				RL-I151	RL-TP13	RL-TP13
609B	RL-I151				RL-I151	RL-TP13	RL-TP13
609C	RL-I151				RL-I151	RL-TP13	RL-TP13
609E	RL-I151				RL-I151	RL-TP13	RL-TP13
609G	RL-I151				RL-I151	RL-TP13	RL-TP13
609D	RL-I151				RL-I151	RL-TP13	RL-TP13
3709A	RL-I151				RL-I151	RL-TP13	RL-TP13
3709B	RL-I151				RL-I151	RL-TP13	RL-TP13
4704S	RL-I151				RL-I151	RL-TP13	RL-TP13

* RL PBS Identifier Index:

RL-I151 - Fire Protection Program
RL-TP13 - Landlord

4.6.5.e Performance Measures

4.6.5.1 Fire Protection Program

4.6.5.1.1 Project Description Summary

The mission of the Hanford Fire Department (HFD) is to support the safe and timely cleanup of the Hanford site by providing a full range of services at the lowest possible cost to customers. These services include incident command and control, fire suppression, fire prevention, emergency rescue, emergency medical service, and hazardous materials response; and to be capable of dealing with and terminating emergency situations which could threaten the operations, employees, the general public, or interest of the U. S. Department of Energy operated Hanford Site. This includes response to surrounding fire departments/districts under mutual aid and state mobilization agreements and fire fighting, hazardous materials, and ambulance support to Washington Public Power Supply System (Supply System) and various commercial entities operating on site through Requests for Service from DOE-RL. The fire department also provides site fire marshal overview authority, fire system testing and maintenance, respiratory protection services, building tours and inspections, ignitable and reactive waste site inspections, prefire planning, and employee fire prevention education.

4.6.5.1.2 Life-Cycle Material and Waste Flow

This project has no responsibility for managing waste inventory.

4.6.5.1.3 Facility Life-Cycle Requirements

- Requirements

  - Emergency services facilities shall be operated and maintained and emergency services shall be provided in a safe, secure, environmentally sound, and cost-effective manner.
  - Fire Department and emergency response services. Provide fire protection engineering services and related fire department emergency response services for fire suppression, rescue, emergency medical and ambulance, hazardous material responses, fire system inspection and maintenance, and fire prevention. Provide the capability to deal with and terminate emergency situations that could threaten the operations, employees, environment, or property of the Hanford Site.

- Planning Assumptions

  - The Hanford Site Infrastructure shall be optimized.
    Develop cost-competitive infrastructure commensurate with mission needs.
    Involve staff and community in the outsourcing process to assure the most cost competitive infrastructure.

4.6.5.1.4 Project Safety Authorization Basis/NEPA and Permits

4.6.5.1.5 Tri-Party Agreement Requirements

- None

4.6.5.1.6 Interfaces

4.6.5.1.7 Requirements References

- DOE/RL-96-92, Hanford Strategic Plan"